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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING JANUARY, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

- Fumigating the Household. By G. G. Becker. (Arkansas Station Circular 28, pp. 8, figs. 3.)
- Oidium or Powdery Mildew of the Vine. By F. T. Bioletti and F. C. H. Flossfeder. (California Station Circular 144, pp. 12, figs. 7.)
- Irrigated Agriculture in the San Luis Valley. By V. M. Cone and A. Kezer. (Colorado Station Bulletin 209, pp. 2-32.)
- Insects and Insecticides. By C. P. Gillette and G. M. List. (Colorado Station Bulletin 210, rev. ed., pp. 3-55, figs. 41.)
- Colorado Plants Injurious to Livestock. By G. H. Glover and W. W. Robbins. (Colorado Station Bulletin 211, pp. 3-71, figs. 90.)
- Fungus Diseases of Colorado Crop Plants. By W. W. Robbins and O. A. Reinking. (Colorado Station Bulletin 212, pp. 3-54, figs. 26.)
- Poultry Raising in Colorado. By W. E. Vaplon. (Colorado Station Bulletin 213, pp. 15, figs. 5.)
- Forage Crops for the Colorado Plains. By A. Kezer. (Colorado Station Bulletin 214, pp. 3-25, figs. 7.)
- The Dethridge Meter. By V. M. Cone. (Colorado Station Bulletin 215, pp. 4-11, figs. 7.)
- Report on Commercial Fertilizers, 1915. By E. H. Jenkins and J. P. Street. (Connecticut State Station Report, 1915, pt. 1, pp. 79.)
- Poultry Investigations: I, The Value of Meat Scrap, Fish Scrap, and Skim Milk in Rations for Laying Pullets. By A. G. Philips. (Indiana Station Bulletin 182, popular edition, pp. 4, fig. 1.)
- Two Strawberry Slugs. By R. L. Webster. (Iowa Station Bulletin 162, pp. 20, figs. 12.)

- Growing Corn in Kansas. By C. C. Cunningham. (Kansas Station Bulletin 205, pp. 3-46, figs. 10.)
- Analyses of Inspection Samples of Fertilizers. By J. T. Willard and R. C. Wiley. (Kansas Station Inspection Circular 1, pp. 7.)
- Director's Report, 1914. By W. M. Jardine. (Kansas Station Report, 1914, pp. 80, figs. 21.)
- Suggestions Relative to the Prevention of Hog Cholera. By J. H. Kastle et al. (Kentucky Station Circular 10, pp. 70-80, figs. 4.)
- Biennial Report, 1913-15. (Kentucky Station Biennial Report, 1913-15, pp. 85, figs. 18.)
- Twenty-fifth Annual Report, 1912. (Kentucky Station Annual Report, 1912, pp. XXXII + 556, pls. 79, figs. 42.)
- Twenty-sixth Annual Report, 1913. (Kentucky Station Annual Report, 1913, pp. XLVIII + 624, pls. 29, figs. 57.)
- Twenty-seventh Annual Report, 1914. (Kentucky Station Annual Report, 1914, pt. 1, pp. IX + 124, pls. 9.)
- Pink and Green Aphid of Potato. By Edith M. Patch. (Maine Station Bulletin 242, pp. 203-223, figs. 3.)
- Further Data on the Measurement of Inbreeding. By R. Pearl. (Maine Station Bulletin 243, pp. 223-248, figs. 6.)
- Methods of Poultry Management at the Maine Agricultural Experiment Station. By R. Pearl. (Maine Station Document 515, pp. 2-98, figs. 27.)
- Seed Inspection. (Maine Station Official Inspections 73, pp. 197-224.)
- Relation of Catalase and Oxidases to Respiration in Plants. By C. O. Appleman. (Maryland Station Bulletin 191, pp. 16, figs. 2.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and D. Potter. (Massachusetts Station Meteorological Bulletin 324, pp. 4.)
- Forage Poisoning Due to Claviceps paspali on Paspalum. By E. B. Brown and F. M. Ranck. (Mississippi Station Technical Bulletin 6, pp. 3-35, figs. 17.)
- Thinning Experiments with Potatoes. By O. B. Whipple. (Montana Station Bulletin 106, pp. 8, fig. 1.)
- Rotations and Tillage Methods in Western Nebraska. By W. P. Snyder and W. M. Osborn. (Nebraska Station Bulletin 155, popular edition, pp. 21, fig. 1.)

- The Fertilizer Inspection for 1915. By B. E. Curry and T. O. Smith.
(New Hampshire Station Bulletin 176, pp. 3-11.)
- Results of Seed Tests for 1915. By F. W. Taylor and F. S. Prince.
(New Hampshire Station Bulletin 177, pp. 3-19.)
- Pot Experiments on the Availability of Nitrogen in Mineral and Organic Compounds. By J. G. Lipman et al. (New Jersey Stations Bulletin 280, pp. 5-23, pl. 1.)
- Nitrogen Utilization in Field and Cylinder Experiments, II. By J. G. Lipman et al. (New Jersey Stations Bulletin 281, pp. 5-19, pls. 5.)
- Factors Influencing the Protein Content of Soy Beans. By J. G. Lipman et al. (New Jersey Stations Bulletin 282, pp. 5-14.)
- Analyses and Valuations of Commercial Fertilizers, Fertilizer Supplies, and Home Mixtures. By C. S. Cathcart. (New Jersey Stations Bulletin 285, pp. 3-45.)
- Report of Analyses of Samples of Commercial Fertilizers Collected by the Commissioner of Agriculture during 1915. (New York State Station Bulletin 410, pp. 475-550.)
- The Home Grounds. By E. G. Davis and R. W. Curtis. (New York Cornell Station Bulletin 361, pp. 293-435, figs. 62.)
- Phytophthora Disease of Ginseng. By J. Rosenbaum. (New York Cornell Station Bulletin 363, pp. 63-106, figs. 17.)
- Cost of Producing Milk on 174 Farms in Delaware County, New York. By A. L. Thompson. (New York Cornell Station Bulletin 364, pp. 109-179, figs. 19.)
- The Taxonomic Value and Structure of the Peach Leaf Glands. By C. T. Gregory. (New York Cornell Station Bulletin 365, pp. 183-222, figs. 11.)
- Woodlot Conditions in Broome County, New York. By F. B. Moody and J. Bentley, Jr. (New York Cornell Station Bulletin 366, pp. 225-244, figs. 6.)
- The Fruit-tree Leaf Roller. By G. W. Herrick and R. W. Leiby. (New York Cornell Station Bulletin 367, pp. 245-279, figs. 19.)
- Woodlot Conditions in Dutchess County, New York. By F. B. Moody and J. Bentley, Jr. (New York Cornell Station Bulletin 368, pp. 281-302, figs. 8.)
- Dusting and Spraying Experiments with Apples. By D. Reddick and C. R. Crosby. (New York Cornell Station Bulletin 369, pp. 307-356, pls. 4, figs. 9.)
- Farm Drainage in North Carolina. By H. M. Lynde. (North Carolina Station Bulletin 234, pp. 3-32, pl. 1, figs. 13.)

- Special Bulletin Food Department. (North Dakota Station Special Food Bulletin, 4(1916), No. 1, pp. 32.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. By B. E. Carmichael et al. (Ohio Station Monthly Bulletin, 1(1916), No. 1, pp. 32, figs. 11.)
- Experiments With Cabbage. By C. E. Myers. (Pennsylvania Station Bulletin 137, pp. 15, fig. 1.)
- Cover Crops for Porto Rico. By C. F. Kinman. (Porto Rico Station Bulletin 19, pp. 3-32, pls. 8.)
- Analyses of Commercial Fertilizers. By R. M. Brackett et al. (South Carolina Station Bulletin 181, pp. 3-58.)
- Potash. By T. E. Keitt and C. J. King. (South Carolina Station Bulletin 182, pp. 3-16.)
- Twenty-eighth Annual Report, 1915. (South Carolina Station Annual Report, 1915, pp. 33.)
- Effect of the Additions on Availability of Soil Phosphates. By G. S. Fraps. (Texas Station Bulletin 178, pp. 3-15.)
- The Harlequin Cabbage-bug. By F. E. Paddock. (Texas Station Bulletin 179, pp. 3-9, fig. 1.)
- Oxidation of Organic Compounds in the Soil. By G. S. Fraps. (Texas Station Bulletin 181, pp. 3-27.)
- The Summer Pruning of a Young Bearing Apple Orchard. By L. D. Batchelor and W. E. Goodspeed. (Utah Station Bulletin 140, pp. 14, figs. 3.)
- The Pavement Ant (Tetramorium caespitum). By L. B. Smith. (Virginia Truck Station Bulletin 16, pp. 356-365, figs. 6.)
- Bunt or Stinking Smut of Wheat. By F. D. Heald and H. M. Woolman. (Washington Station Bulletin 126, pp. 3-24, pls. 5.)
- Monthly Bulletins of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletins, 3(1915), Nos. 8, pp. 16, figs. 4; 10, pp. 30, figs. 1.)
- An Agricultural Survey of Brooke County. By O. M. Johnson and A. J. Dadisman. (West Virginia Station Bulletin 153, pp. 32, figs. 19.)
- Experiments with Fertilizers. By F. E. Bear. (West Virginia Station Bulletin 155, pp. 19, figs. 10.)
- Poultry on the Farm. By H. Atwood. (West Virginia Station Circular 22, pp. 3, fig. 1.)

The Control of Cabbage Yellows Through Disease Resistance. By L. R. Jones and J. C. Gilman. (Wisconsin Station Research Bulletin 38, pp. 70, figs. 23.)

Sheep Feeding: I, (a) Oat and Pea Silage for Fattening Lambs, (b) Corn vs. Barley for Fattening Lambs; II, Oat and Pea Silage for Breeding Ewes; III, Oat and Pea Silage for Ram Lambs. By A. D. Faville. (Wyoming Station Bulletin 109, pp. 47-59.)

Twenty-fifth Annual Report, 1915. (Wyoming Station Annual Report, 1915, pp. 131, figs. 21.)

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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING FEBRUARY, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Twenty-eighth Annual Report, 1915. (Alabama College Station Annual Report, 1915, pp. 40.)

Size Grades for Ripe Olives. By F. T. Bioletti. (California Station Bulletin 263, pp. 215-227, figs. 2.)

The Calibration of the Leakage Meter, Fumigation Studies No. 8. By C. W. Woodworth. (California Station Bulletin 264, pp. 231-234, fig. 1.)

Suggestions to Poultrymen Concerning Chicken-pox. By J. R. Beach. (California Station Circular 145, pp. 8, figs. 5.)

Studies of Health in Potatoes. By C. L. Fitch. (Colorado Station Bulletin 216, pp. 3-31, figs. 17.)

Plum Wilt--Its Nature and Causes. By B. B. Higgins. (Georgia Station Bulletin 118, pp. 3-29, figs. 25.)

Annual Report, 1915. (Idaho Station Bulletin 24, pp. 47.)

Steer Feeding: XI, Winter Steer Feeding. By J. H. Skinner and F. G. King. (Indiana Station Bulletin 183, popular edition, pp. 2-8.)

Sheep Feeding: V, Fattening Western Lambs. By J. H. Skinner and F. G. King. (Indiana Station Bulletin 184, popular edition, pp. 2-8, fig. 1.)

Twenty-eighth Annual Report, 1915. (Indiana Station Annual Report, 1915, pp. 87.)

Preservative Treatment of Fence Posts. By G. B. MacDonald. (Iowa Station Bulletin 158, abridged, pp. 2-31, figs. 8.)

Farm Leases in Iowa. By O. G. Lloyd. (Iowa Station Bulletin 159, abridged, pp. 3-30, figs. 5.)

Maintaining Fertility in the Wisconsin Drift Soil Area of Iowa. By W. H. Stevenson et al. (Iowa Station Bulletin 161, pp. 235-263, figs. 5.)

- Slimy and Ropy Milk. By R. E. Buchanan and B. W. Hammer. (Iowa Station Research Bulletin 22, pp. 207-295, figs. 10.)
- The Fertility in Iowa Soils. By P. E. Brown. (Iowa Station Bulletin 150, popular edition, pp. 3-47, fig. 1.)
- The Use of Dynamite in the Improvement of Heavy Clay Soils. By L. E. Call and R. I. Throckmorton. (Kansas Station Bulletin 209, pp. 3-34, figs. 8.)
- Commercial Fertilizers. By H. E. Curtis et al. (Kentucky Station Bulletin 189, pp. 633-752.)
- The Feeding of Young Chicks on Grain Mixtures of High and Low Lysine Content. By G. D. Buckner et al. (Kentucky Station Bulletin 197, pp. 3-21, figs. 16.)
- The Curing of Blue-grass Seeds as Affecting their Viability. By H. Garman and E. C. Vaughn. (Kentucky Station Bulletin 198, pp. 27-39, pls. 5.)
- Eighth Biennial Report of the Food and Drug Department, 1913-15. (Kentucky Station Biennial Report Food and Drug Control Work, 1913-15, pp. 44.)
- Fertilizer Inspection. (Maine Station Official Inspections 74, pp. 225-284.)
- I, Substitutes for Milk in the Rearing of Dairy Calves; II, The Cost of Rearing a Dairy Cow. By J. B. Lindsey. (Massachusetts Station Bulletin 164, pp. 45-71, pls. 5.)
- The Effect of Sulphate of Ammonia on Soil. By R. W. Ruprecht and F. V. Morse. (Massachusetts Station Bulletin 165, pp. 69-90.)
- Inspection of Commercial Fertilizers. By H. D. Haskins et al. (Massachusetts Station Bulletin 4, control series, pp. 100.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and D. Potter. (Massachusetts Station Meteorological Bulletin 325, pp. 4.)
- A Simplified Apparatus for Measuring the Conductivity of Electrolytes. By R. P. Hibbard and C. W. Chapman. (Michigan Station Technical Bulletin 23, pp. 3-41, figs. 14.)
- The Freezing Point Method as a New Means of Measuring the Concentration of the Soil Solution Directly in the Soil. By G. J. Bouyoucos and M. M. McCool. (Michigan Station Technical Bulletin 24, pp. 3-44, figs. 2.)
- Twenty-eighth Annual Report, 1915. (Michigan Station Annual Report, 1915, pp. 362, figs. 15.)
- Feeding Wheat to Fattening Swine. By L. A. Weaver. (Missouri College Station Bulletin 136, pp. 35, figs. 9.)
- The Periodical Cicada in Missouri. By L. Haseman. (Missouri College Station Bulletin 137, pp. 33, figs. 20.)

- Farm Bee-keeping. By E. E. Tyler and L. Haseman. (Missouri College Station Bulletin 138, pp. 40, figs. 20.)
- Twenty-sixth Annual Report, 1915. (New Mexico Station Annual Report, 1915, pp. 81, figs. 4.)
- Dusting Nursery Stock for the Control of Leaf Diseases. By V. B. Stewart. (New York Cornell Station Circular 32, pp. 10, figs. 6.)
- The Cherry and Hawthorn Sawfly Leaf-miner. By P. J. Parrott and B. B. Fulton. (New York State Station Bulletin 411, pp. 551-580, pls. 6, figs. 9.)
- A New Cherry and Hawthorn Pest. By F. H. Hall. (New York State Station Bulletin 411, popular edition, pp. 4, pls. 2.)
- The Pasteurization of Dairy By-Products. By W. D. Dotterer and R. S. Breed. (New York State Station Bulletin 412, pp. 581-610.)
- The Casein and Salts of Goat's Milk. By A. W. Bosworth and L. L. Van Slyke. (New York State Station Technical Bulletin 46, pp. 3-15.)
- Limestones of New York, with Reference to their Agricultural Use. By R. C. Collison and J. F. Barker. (New York State Station Technical Bulletin 47, pp. 3-38, pls. 9.)
- Farmers' Market Bulletin, Growers' Edition. (North Carolina Station Farmers' Market Bulletin, Growers' Edition, 3(1916), No. 14, pp. 21.)
- Chemical and Physical Constants for Wheat and Mill Products. By E. F. Ladd. (North Dakota Station Bulletin 114, pp. 273-297, figs. 9.)
- Special Bulletin Food Department. (North Dakota Station Special Food Bulletin, 3(1916), Index, pp. 403-416.)
- Twenty-sixth Annual Report, 1915. (North Dakota Station Annual Report, 1915, pp. 46.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. By F. A. Welton et al. (Ohio Station Monthly Bulletin, 1(1916), No. 2, pp. 33-64, pl. 1, figs. 5.)
- Points on the Selection, Adjustment, and Care of Farm Machines. By E. M. D. Bracker. (Oregon Station Bulletin 136, pp. 3-48, figs. 37.)
- Limestone and Marl Deposits of South Carolina. By F. H. H. Calhoun. (South Carolina Station Bulletin 183, pp. 3-27, figs. 7.)
- First Annual Report of Vivian Experiment and Demonstration Farm. By A. N. Hume et al. (South Dakota Station Bulletin 162, pp. 266-279, fig. 1.)
- Housing Farm Implements. By B. Youngblood and W. W. Whipkey. (Texas Station Circular 10, n. ser., pp. 3-8, figs. 2.)

Foul Brood Regulations Effective March 1, 1916. By F. B. Paddock.
(Texas Station Circular 11, n. ser., pp. 3-10.)

Variation in Minimum Temperatures Due to the Topography of a Mountain Valley
In Its Relation to Fruit Growing. By L. D. Batchelor and F. L. West.
(Utah Station Bulletin 141, pp. 3-27, figs. 16.)

Rural Sanitation. By C. A. Magoon. (Washington Station Popular
Bulletin 93, pp. 2-60, figs. 12.)

Contagious Abortion in Cows. By J. W. Kalkus. (Washington Station
Popular Bulletin 94, pp. 4.)

The Dairy Barn and Milk House, How to Construct Them. By R. E. Hundertmark
and A. B. Nystrom. (Washington Station Popular Bulletin 95, pp. 2-40,
figs. 22.)

Butter-making on the Farm. By A. B. Nystrom and R. E. Hundertmark.
(Washington Station Popular Bulletin 96, pp. 3-23, figs. 10.)

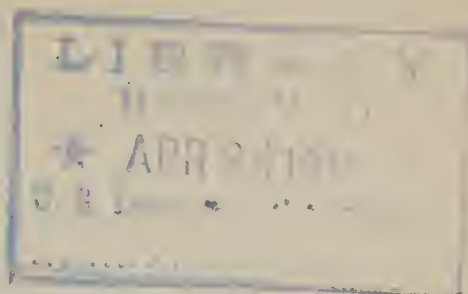
Dairy Herd Records, Their Value, and How to Keep them. By A. B. Nystrom
and R. E. Hundertmark. (Washington Station Popular Bulletin 97,
pp. 2-16, figs. 6.)

Hotbed Construction. By C. B. Sprague. (Washington Station Popular
Bulletin 98, pp. 3-15, figs. 5.)

Twenty-fifth Annual Report, 1915. (Washington Station Bulletin 127,
pp. 59, figs. 15.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash.
(Western Washington Station Monthly Bulletin, 3(1916), No. 11, pp. 16.)

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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.



LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING MARCH, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

- Cabbage. By J. C. C. Price and G. V. Stelzenmuller. (Alabama College Station Bulletin 187, pp. 3-20, figs. 3.)
- How to Grow the Peanut and 105 Ways of Preparing it for Human Consumption. By G. W. Carver. (Alabama Tuskegee Station Bulletin 31, pp. 3-35.)
- Sweet Potato Culture in Arkansas. By W. H. Wicks. (Arkansas Station Bulletin 124, pp. 3-32, figs. 21.)
- Cottony Rot of Lemons in California. By C. O. Smith. (California Station Bulletin 265, pp. 237-252, figs. 11.)
- Experiments with Stocks for Citrus. By W. W. Bonns and W. M. Merts. (California Station Bulletin 267, pp. 275-301, figs. 12.)
- A Mosquito Survey at the Mouth of the Connecticut River. By P. L. Buttrick. (Connecticut State Station Bulletin 189, pp. 3-32, pl. 1.)
- Japanese Canoe. By J. M. Scott. (Florida Station Bulletin 129, pp. 21-44, figs. 4.)
- Twenty-eighth Annual Report, 1915. (Georgia Station Annual Report, 1915, pp. 20.)
- A Limestone Tester. By C. G. Hopkins. (Illinois Station Circular 185, pp. 2-12, figs. 2.)
- Stallion Enrollment: IV, Report of Stallion Enrollment Work for Year 1915 With Lists of Stallions and Jacks Enrolled. By H. E. McCartney. (Indiana Station Circular 53, pp. 236, pl. 1.)
- Two Strawberry Slugs. By R. L. Webster. (Iowa Station Bulletin 162, popular edition, pp. 4, figs. 3.)
- Relation of Moisture to Seed Production in Alfalfa. By J. N. Martin. (Iowa Station Research Bulletin 23, pp. 303-324, figs. 2.)

- Determination of Amino Acids and Nitrates in Soils: Amino Acids, Ammonia, and Nitrates in Manured and Limed Soil. By R. S. Potter and R. S. Snyder. (Iowa Station Research Bulletin 24, pp. 327-352, figs. 3.)
- Fertilizing Lawn and Garden Soils. By P. E. Brown. (Iowa Station Circular 24, pp. 3-15.)
- Successful Swine Rations for the Cornbelt. By J. M. Evvard and W. H. Pew. (Iowa Station Circular 26, pp. 15, figs. 3.)
- Soil Survey of Cherokee County, Kansas. By P. C. Wood, E. I. Throckmorton, et al. (Kansas Station Bulletin 207, pp. 3-46, pl. 1.)
- Soil Survey of Reno County, Kansas. (Kansas Station Bulletin 208, pp. 3-48, pl. 1.)
- The Milling and Baking Quality and Chemical Composition of Wheat and Flour as Influenced by (1) Different Methods of Handling and Storing, (2) Heat and Moisture, (3) Germination. By C. O. Swanson et al. (Kansas Station Technical Bulletin 1, pp. 3-33, figs. 22.)
- Some Important Fermentations in Silage. By O. W. Hunter and L. D. Bushnell. (Kansas Station Technical Bulletin 2, pp. 3-32.)
- The Prairie-dog Situation. By R. K. Nabours. (Kansas Station Circular 54, abridged, pp. 4.)
- Trees for Kansas. By C. A. Scott. (Kansas Station Circular 55, pp. 19, figs. 9.)
- Commercial Fertilizers. By H. E. Curtis and W. Rodes. (Kentucky Station Bulletin 196, pp. 239-371.)
- Blueberry Insects in Maine. By W. C. Woods. (Maine Station Bulletin 244, pp. 247-268, pls. 4, figs. 3.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. F. Ostrander and D. Potter. (Massachusetts Station Meteorological Bulletin 326, pp. 4.)
- Cotton Experiments, 1915. By H. B. Brown. (Mississippi Station Bulletin 173 pp. 3-29, figs. 2.)
- Results of Seed Inspection, 1914. By J. F. Helyar and F. Schmidt. (New Jersey Stations Bulletin 279, pp. 3-35.)
- Winter Protection of the Vinifera Grape. By F. Carcia and J. V. Rigney. (New Mexico Station Bulletin 100, pp. 32, figs. 10.)
- Soil Survey of Oneida County, New York. By E. T. Maxon, M. E. Carr, and E. H. Stevens. (New York Cornell Station Bulletin 352, pp. 59, pls. 2, figs. 2.)

Twenty-eighth Annual Report, 1915. (New York Cornell Station Annual Report, 1915, pp. LXXIV + 1087, pls. 13, figs. 352.)

Why and How Pasteurize Dairy By-Products. By F. H. Hall. (New York State Station Bulletin 412, popular edition, pp. 8, fig. 1.)

Director's Report for 1915. (New York State Station Bulletin 413, pp. 611-652.)

New or Noteworthy Fruits, IV. By U. P. Hedrick. (New York State Station Bulletin 414, pp. 8-10, pls. 5.)

Chemical Changes in the Souring of Milk. By L. L. Van Slyke and A. W. Bosworth. (New York State Station Technical Bulletin 45, pp. 3-12.)

Counting Bacteria by Means of the Microscope. By R. S. Breed and J. D. Brew. (New York State Station Technical Bulletin 49, pp. 3-31, pls. 2, figs. 5.)

I, Some Further Studies of Chick Mortality; II, When to Feed the Early Chick. By E. F. Kaupf. (North Carolina Station Bulletin 235, pp. 3-22, figs. 7.)

The Prevention and Control of Erosion in North Carolina, with Special Reference to Terracing. By F. R. Baker. (North Carolina Station Bulletin 236, pp. 37, figs. 25.)

The North Dakota Farmstead, Its Arrangement and Improvement. By H. O. Forman. (North Dakota Station Circular 10, pp. 66, figs. 51.)

Special Bulletin Food Department. (North Dakota Station Special Food Bulletin, 4(1916), No. 2, pp. 32-64.)

Fourth Annual Report of the Dickinson Sub-experiment Station, 1911. (North Dakota Station Annual Report Dickinson Sub-experiment Station, 1911, pp. 14.)

Sixth Annual Report of the Dickinson Substation, 1913. (North Dakota Station Annual Report Dickinson Substation, 1913, pp. 40, figs. 12.)

Sixth Annual Report of the Williston Substation, 1913. (North Dakota Station Annual Report Williston Substation, 1913, pp. 40, figs. 4.)

Twenty-sixth Annual Report, 1915. (North Dakota Station Annual Report, 1915, pt. 2, pp. 25.)

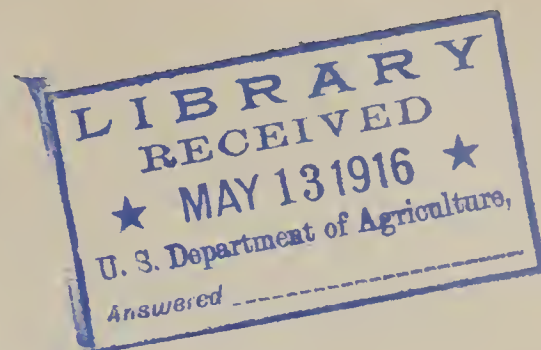
Varieties of Apples in Ohio. By F. J. Green et al. (Ohio Station Bulletin 21, pp. 31-104, figs. 22.)

Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station Monthly Bulletin, 1(1915), No. 3, pp. 65-96, figs. 5.)

Relation of Steer Feeding to Farm Returns. By C. A. Willson. (Tennessee Station Bulletin 114, pp. 73-110, figs. 5.)

- Steer Feeding. By J. C. Burns. (Texas Station Bulletin 182, pp. 3-16, pls. 6.)
- Moisture Relations of Some Texas Soils. By G. S. Fraps. (Texas Station Bulletin 183, pp. 3-36, figs. 6.)
- Forage Crops in Central Washington. By M. A. McCall. (Washington Station Bulletin 128, pp. 3-11, figs. 9.)
- Oats in Washington. By E. G. Schafer and F. T. Gaines. (Washington Station Bulletin 129, pp. 3-13, figs. 3.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 3(1916), No. 12, pp. 16.)
- Poultry Raising in Wisconsin. By J. G. Halpin and J. E. Hayes. (Wisconsin Station Bulletin 261, pp. 35, figs. 13.)
- Ice Cream Making. By A. C. Baer. (Wisconsin Station Bulletin 262, pp. 36, figs. 4.)

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UNITED STATES DEPARTMENT OF AGRICULTURE,
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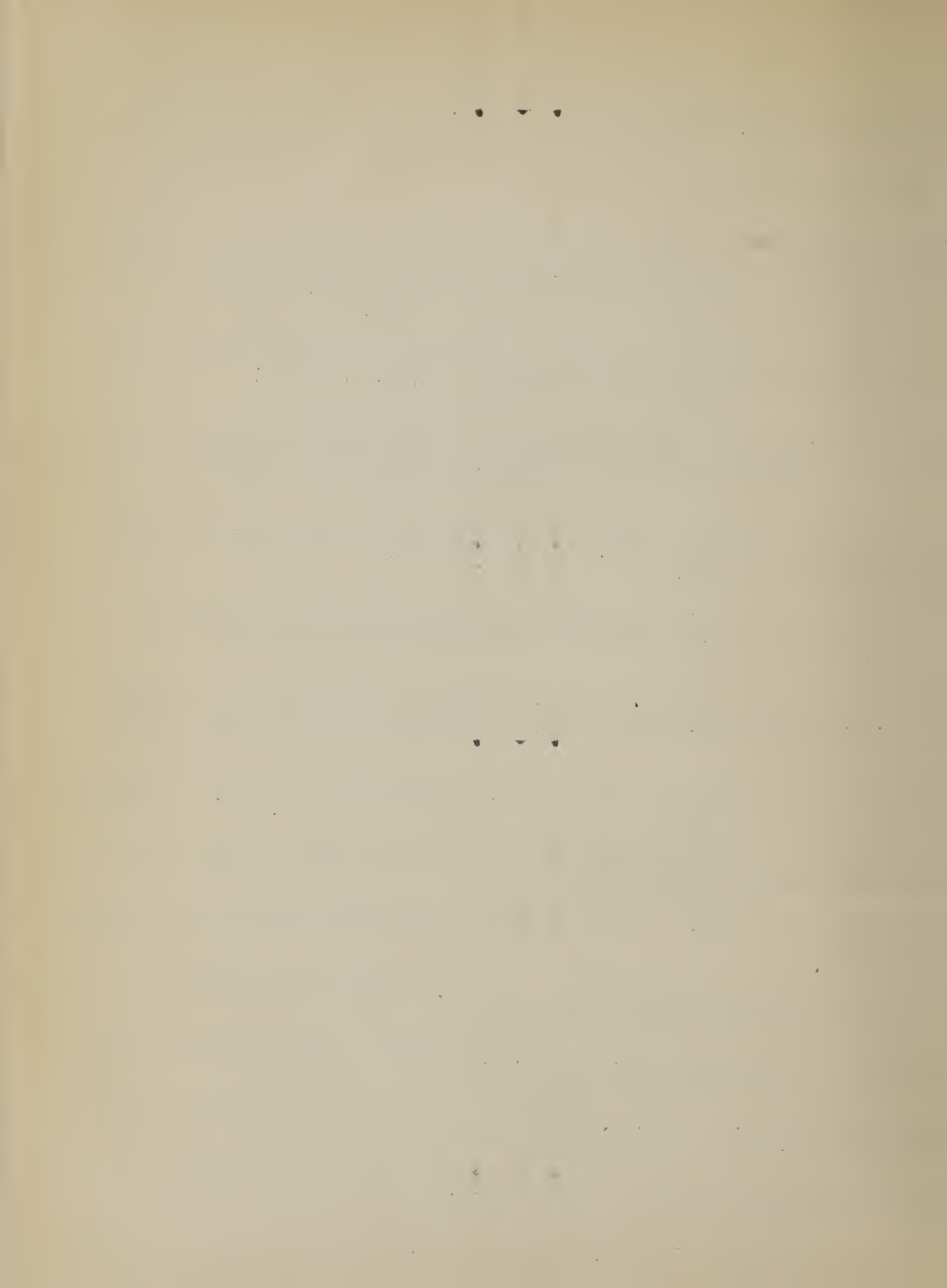
LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING APRIL, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

- Boll Weevil in Alabama. By W. E. Hinds. (Alabama College Station Bulletin 188, pp. 23-64, pls. 4, figs. 2.)
- Annual Report of the Director of the Experiment Station on Work Done Under the Local Experiment Law in 1915. By J. F. Duggar. (Alabama College Station Circular 34, pp. 31.)
- A Spotting of Citrus Fruits Due to the Action of Oil Liberated from the Rind. By H. S. Fawcett. (California Station Bulletin 266, pp. 261-269, figs. 2.)
- Jellies and Marmalades from Citrus Fruits. By W. V. Cruess. (California Station Circular 146, pp. 2, figs. 2.)
- Tomato Growing in California. By S. S. Rogers. (California Station Circular 147, pp. 12.)
- "Lungworms"--A Preliminary Report on Treatment, with some Observations Regarding the Epidemiology and Life History of the Parasite. By W. B. Herms and S. B. Freeborn. (California Station Circular 148, pp. 8, figs. 2.)
- Lawn Making in California. By J. W. Gregg. (California Station Circular 149, pp. 2, fig. 1.)
- Insects Attacking Cabbage and Allied Crops in Connecticut. By W. E. Britton and Q. S. Lowry. (Connecticut State Station Bulletin 190, pp. 23, figs. 17.)
- Bacteriological Studies: Bacterial Studies of Camembert Cheese, Tests and Comparisons of Commercial Lactic Starters, Tests of Various Brands of Litmus for Bacteriological Work, The Bacterial Content of Ice Cream. By W. H. Ester and C. J. Mason. (Connecticut Storrs Station Bulletin 83, pp. 103-135, fig. 1.)
- An Electric Incubator for Bacteriological Work. By W. H. Esten. (Connecticut Storrs Station Bulletin 84, pp. 139-146, figs. 3.)
- Bacillary White Diarrhea of Young Chicks: V, Its Eradication by the Elimination of Infected Breeding Stock. By L. F. Rettger, W. F. Kirkpatrick, and R. E. Jones. (Connecticut Storrs Station Bulletin 85, pp. 151-167, figs. 2.)

- Some Lice and Mites of the Hen. By G. H. Lamson, Jr. and J. A. Manter.
(Connecticut Storrs Station Bulletin 86, pp. 171-196, figs. 15.)
- Fifteenth Report of the State Entomologist, 1915. By W. E. Britton.
(Connecticut State Station Report, 1915, pt. II, pp. VII + 81-192, pls. 17, figs. 6.)
- Eighth Report of the State Forester, 1915. By W. O. Filley. (Connecticut State Station Report, 1915, pt. III, pp. 193-232, pls. 2.)
- Annual Report of the Director for the Fiscal Year Ending June 30, 1915.
(Delaware Station Bulletin 111, pp. 31.)
- Field Experiments in Spraying Apple Orchards. By B. S. Pickett et al.
(Illinois Station Bulletin 185, pp. 48-212, figs. 22.)
- A General Survey of the May-Beetles (Phyllophaga) of Illinois. By S. A. Forbes.
(Illinois Station Bulletin 186, pp. 214-257, fig. 1.)
- The Influence of Trees and Crops on Injury by White-Grubs. By S. A. Forbes.
(Illinois Station Bulletin 187, pp. 261-265.)
- Twenty-eighth Annual Report, 1915. (Illinois Station Annual Report, 1915, pp. 27.)
- Renewing the Shelterbelt. By G. B. Macdonald. (Iowa Station Circular 27, pp. 16, figs. 18.)
- Seed Corn for the 1916 Crop. By H. D. Hughes and W. W. Stanfield. (Iowa Station Circular 28, pp. 3-16, figs. 6.)
- Soil Experiment Fields--A Progress Report. By G. Roberts. (Kentucky Station Bulletin 199, pp. 43-93, figs. 12.)
- Abstracts of Papers not Included in Bulletins, Finances, Meteorology, Index.
(Maine Station Bulletin 245, pp. 287-334 + XVI.)
- Field Experiments in 1915. By C. D. Woods. (Maine Station Bulletin 246, pp. 36.)
- Report of Jersey Sires' Futurity Test. By R. Pearl. (Maine Station Bulletin 247, pp. 37-52.)
- Fungicide and Insecticide Inspection. (Maine Station Official Inspections 75, pp. 8.)
- Ice Cream; Evaporated Milk. (Maine Station Official Inspections 76, pp. 9-20.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station
By J. E. Ostrander and D. Potter. (Massachusetts Station Meteorological Bulletin 327, pp. 4.)
- Fruit and Vegetable Diseases and Their Control. By E. C. Stakman and A. G. Tolaas. (Minnesota Station Bulletin 153, pp. 3-67, figs. 32.)

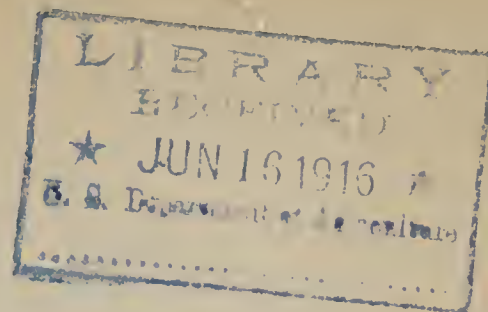
- The Cost of Producing Sugar Beets. By F. W. Peck. (Minnesota Station Bulletin 154, pp. 3-35, figs. 11.)
- Inspection of Commercial Fertilizers, 1915. (Missouri College Station Bulletin 139, pp. 58.)
- Studies of the Timothy Plant: II, The Changes in the Chemical Composition of the Timothy Plant During Growth and Ripening, With a Comparative Study of the Wheat Plant. By P. F. Trowbridge, L. D. Haigh, and C. R. Moulton. (Missouri College Station Research Bulletin 20, pp. 3-67, figs. 18.)
- An Experimental Study of the Rest Period in Plants: V, Physiological Changes Accompanying Breaking of the Rest Period. By W. L. Howard. (Missouri College Research Bulletin 21, pp. 3-72, figs. 10.)
- Silage Investigations: Normal Temperatures and Some Factors Influencing the Quality of Silage. By C. H. Eckles, C. I. Oshel, D. M. Magruder, et al. (Missouri College Station Research Bulletin 22, pp. 3-32, figs. 7.)
- Analyses and Valuations of Commercial Fertilizers and Ground Bone. Analyses of Agricultural Lime. By C. S. Cathcart et al. (New Jersey Stations Bulletin 287, pp. 3-68.)
- Investigations Relative to the Use of Nitrogenous Plant-Foods, 1898-1912. By J. G. Lipman and A. W. Blair. (New Jersey Stations Bulletin 288, pp. 3-126, figs. 6.)
- Cylinder Experiments Relative to the Utilization and Accumulation of Nitrogen. By J. G. Lipman, A. W. Blair, et al. (New Jersey Stations Bulletin 289, pp. 3-88, figs. 18.)
- Fertilizer Registrations for 1916. By C. S. Cathcart. (New Jersey Stations Bulletin 290, pp. 3-32.)
- The Management of the Farm Poultry Flock. By V. G. Aubry. (New Jersey Stations Circular 49, pp. 2-20.)
- Common Diseases of Beans. By M. T. Cook. (New Jersey Stations Circular 50, pp. 2-4.)
- Diseases of Grains and Forage Crops. By M. T. Cook and J. P. Helyar. (New Jersey Stations Circular 51, pp. 3-8.)
- The Common Diseases of the Pear. By G. W. Martin. (New Jersey Stations Circular 52, pp. 3-12, figs. 6.)
- Improving Acid Soils. By A. W. Blair. (New Jersey Stations Circular 54, pp. 3-11, pls. 4.)
- Common Diseases of the Grape. By M. T. Cook. (New Jersey Stations Circular 55, pp. 3-8, figs. 2.)
- The Strawberry Weevil. By T. J. Headlee. (New Jersey Stations Circular 56, pp. 3-8, fig. 1.)



- Asparagus. By R. W. DeBaun. (New Jersey Stations Circular 57, pp. 4.)
- Forest Legislation in America Prior to March 4, 1789. By J. P. Kinney.
(New York Cornell Station Bulletin 370, pp. 359-405.)
- The Leaf Blotch of Horse-Chestnut. By V. B. Stewart. (New York Cornell
Station Bulletin 371, pp. 411-419, pl. 1, figs. 8.)
- Dahlias and Their Culture. By F. H. Hall. (New York State Station
Circular 43, pp. 23, pls. 8.)
- Sinuate Pear Borer and Leopard Moth. By P. J. Parrott and H. Glasgow.
(New York State Station Circular 44, pp. 3, pls. 2.)
- Soy Bean and Cowpea. By F. H. Hall. (New York State Station Circular 45,
pp. 6.)
- Gooseberries. By O. M. Taylor. (New York State Station Circular 46, pp. 5.)
- Plant-Foods for Crops in 1916. By L. L. Van Slyke. (New York State
Station Circular 47, pp. 8.)
- Culture of Cabbage. By J. W. Wellington. (New York State Station
Circular 48, pp. 5.)
- Sheep Feeding Trials at Williston Substation. By W. H. Peters and C. H.
Ruzicka. (North Dakota Station Bulletin 115, pp. 301-316, figs. 13.)
- Special Bulletin Food Department. (North Dakota Station Special Food
Bulletin, 4(1916), No. 3, pp. 65-80, figs. 2.)
- Poultry Management--Care of Breeding Stock and Chicks. By E. J. Peterson.
(North Dakota Station Circular 11, pp. 10, figs. 4.)
- The Seed Field. By H. L. Bolley. (North Dakota Station Circular 12, pp. 1)
- Experiments with Laying Hens: I, Range vs. Confinement; II, Variety vs.
Simple Rations; III, Various Amounts of Protein in Rations. By W. J. Bann
and R. M. Sherwood. (Ohio Station Bulletin 291, pp. 183-217, fig. 1.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station
Monthly Bulletin, 1(1916), No. 4, pp. 97-128, figs. 4.)
- The Production of First Grade Cream. By R. C. Potts. (Oklahoma Station
Bulletin 108, pp. 3-11, figs. 5.)
- The Alfalfa Web Worm. By C. E. Sanborn. (Oklahoma Station Bulletin 109,
pp. 7, figs. 4.)
- The Starches of the Grain Sorghums. By C. K. Francis and O. C. Smith.
(Oklahoma Station Bulletin 110, pp. 3-33, figs. 21.)

- Oklahoma Insect Calendar. By C. E. Sanborn. (Oklahoma Station Circular 39, p. 1.)
- Raising Beef Cattle. By B. O. Severson. (Pennsylvania Station Bulletin 138, pp. 20, figs. 9.)
- The Bacterial Infection of Fresh Eggs. By P. B. Hadley, Dorothy F. Caldwell, et al. (Rhode Island Station Bulletin 164, pp. 2-70, pl. 1, figs. 3.)
- Cotton--Varieties and Limiting Factor Tests. By W. L. Hutchinson. (South Carolina Station Bulletin 185, pp. 3-19.)
- Progress in Peanut Milling. By T. B. Reese. (Texas Station Circular 12, n. ser., pp. 3-6.)
- Irrigation of Peaches. By L. D. Batchelor. (Utah Station Bulletin 142, pp. 23, figs. 14.)
- The Red Rot of Conifers. By F. H. Abbott. (Vermont Station Bulletin 191, pp. 3-20, pls. 4, figs. 2.)
- Agricultural Seed. By G. P. Burns. (Vermont Station Bulletin 192, pp. 3-40.)
- The Frog-Eye Leaf Spot of Apples. By C. H. Crabill. (Virginia Station Bulletin 209, pp. 16, figs. 6.)
- A Stone-Fruit Spray Made from Hydrated-Lime and Sulphur. By G. C. Starcher. (Virginia Station Bulletin 210, pp. 14, fig. 1.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 4(1916), No. 1, pp. 16, figs. 8.)
- Crop Rotations for Upper Wisconsin. By E. J. Delwiche. (Wisconsin Station Bulletin 222, 2. ed., pp. 20, figs. 16.)
- Sheep Raising in Wisconsin. By F. Kleinheinz. (Wisconsin Station Bulletin 263, pp. 19, figs. 12.)
- Beekeeping in Wisconsin. By N. E. and L. V. France. (Wisconsin Station Bulletin 264, pp. 23, figs. 11.)

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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING MAY, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

- Wilt Resistant Varieties of Cotton. By E. F. Cauthen. (Alabama College Station Bulletin 189, pp. 67-86, pl. 1, fig. 1.)
- Information for Prospective Settlers in Alaska. By C. C. Georgeson. (Alaska Stations Circular 1, pp. 3-30, pls. 5.)
- Geology and Water Resources of Sulphur Spring Valley, Arizona. By O. E. Meinzer and F. C. Kelton. [With a chapter on] Agriculture. By R. H. Forbes. (Arizona Station Bulletin 72, pp. 231, pls. 15, figs. 31.)
- Growing and Grafting Olive Seedlings: I, Growing Olive Seedlings, by F. T. Bioletti and W. F. Oglesby; II, Grafting Olive Seedlings, by F. T. Bioletti and F. C. H. Flossfeder. (California Station Bulletin 268, pp. 305-326, figs. 14.)
- Phenolic Insecticides and Fungicides. By G. P. Gray. (California Station Bulletin 269, pp. 329-331, figs. 9.)
- Round Worms in Poultry--Life History and Control. By W. B. Herms and J. R. Beach. (California Station Circular 150, pp. 7, figs. 3.)
- Acidosis and Cottonseed Meal Injury. By C. A. Wells and P. V. Ewing. (Georgia Station Bulletin 119, pp. 35-64, figs. 2.)
- The Use of Lime-Sulphur as a Summer Spray for Apple Scab. By C. C. Vincent. (Idaho Station Bulletin 85, pp. 3-16, figs. 5.)
- Some Poisonous Plants of Idaho. By F. W. Gail. Some Suggested Remedies. By A. R. Hahner. (Idaho Station Bulletin 86, pp. 3-16, figs. 8.)
- Insect Pests of the Orchards and Gardens of Idaho and Their Control. By W. C. Edmundson. (Idaho Station Bulletin 87, pp. 3-31, figs. 12.)
- Spraying Calendar. By E. P. Taylor and M. A. Willis. (Idaho Station Circular 1, p. 1.)

- Field Peas. By N. S. Robb. (Idaho Station Circular 2, pp. 3-8, fig. 1.)
- I, The Illinois System of Permanent Fertility From the Standpoint of the Practical Farmer. By Brother Leo. II, Phosphates and Honesty-- When the Doctors Disagree Let the Farmers Judge the Facts. By C. G. Hopkins. (Illinois Station Circular 186, pp. 3-31.)
- Late Potato Blight in Iowa. By A. T. Erwin. (Iowa Station Bulletin 163, pp. 286-305, figs. 8.)
- Bacterial Activities and Crop Production. By P. E. Brown. (Iowa Station Research Bulletin 25, pp. 359-382.)
- White Grubs in Iowa. By R. L. Webster. (Iowa Station Circular 29, pp. 4, figs. 3.)
- Smuts of Grain and Forage Crops in Kansas. By L. E. Melchers. (Kansas Station Bulletin 210, pp. 3-39, figs. 20.)
- Hot Beds and Cold Frames. By C. S. Adams. (Kentucky Station Circular 11, pp. 2-22, figs. 13.)
- Experiments on Varietal Resistance to the Bean and Cotton Anthracnose Diseases. By C. W. Edgerton and C. C. Moreland. (Louisiana Stations Bulletin 155, pp. 24, figs. 2.)
- Twenty-eighth Annual Report, 1915. (Louisiana Stations Annual Report, 1915, pp. 32.)
- Suggestions for Breeding Yellow Eye Beans of Standard Types. (Maine Station Document 510, pp. 4, fig. 1.)
- Experiments at Aroostook Farm in 1915. (Maine Station Document 514, pp. 8.)
- Cultural Methods With Oats Used by the Maine Agricultural Experiment Station. (Maine Station Document 513, pp. 7.)
- Report of Progress on Animal Husbandry Investigations in 1915. By R. Pearl. (Maine Station Document 519, pp. 27, figs. 4.)
- Growing Crops Without Potash in 1916. By C. D. Woods. (Maine Station Document 520, pp. 15.)
- Special Report of the Maine Agricultural Experiment Station for the Commissioner of Agriculture for the year 1914. (Maine Station Document 505, pp. 39.)
- Internal Action of Chemicals on Resistance of Tomatoes to Leaf Diseases. By J. B. S. Norton. (Maryland Station Bulletin 192, pp. 17-30, fig. 1.)
- Improved Methods for Fat Analysis. By E. B. Holland, J. C. Reed, and J. P. Buckley. (Massachusetts Station Bulletin 166, pp. 87-138, figs. 4.)

- I, The Relation of Hydrogen Ion Concentration of Media to the Proteolytic Activity of Bacillus subtilis; II, Proteolysis of Streptococcus erysipelatis and S. lacticus Compared Under Different Hydrogen Ion Concentration. By A. Itano. (Massachusetts Station Bulletin 167, pp. 135-185, figs. 6.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and D. Potter. (Massachusetts Station Meteorological Bulletin 328, pp. 4.)
- The Feeding Value of Apple Pomace. By J. B. Lindsey. (Massachusetts Station Circular 58, rev. ed., pp. 4.)
- The Use of Fertilizers in 1916. By W. P. Brooks. (Massachusetts Station Circular 59, pp. 8.)
- Suggestions for the Use of Fertilizers for Tobacco and Onions for 1916. By H. D. Haskins. (Massachusetts Station Circular 60, pp. 4.)
- Cutworms. By H. T. Fernald. (Massachusetts Station Circular 61, rev. ed., pp. 2.)
- Beet Residues for Farm Stock. By J. B. Lindsey. (Massachusetts Station Circular 62, rev. ed., pp. 7.)
- Balanced Rations for Dairy Stock. By J. B. Lindsey. (Massachusetts Station Circular 63, rev. ed., pp. 8.)
- Fertilizer Analyses. By A. J. Patten et al. (Michigan Station Bulletin 275, pp. 3-25.)
- Durability of Concrete Drain Tile. By O. B. Winter and H. H. Musselman. (Michigan Station Special Bulletin 75, pp. 3-13, figs. 4.)
- The Septoria Leaf Spot Disease of Celery or Celery Blight. By G. H. Coons and E. Levin. (Michigan Station Special Bulletin 77, English and Dutch eds., pp. 8, figs. 9.)
- The Bean Maggot in 1915. By D. B. Whelan. (Michigan Station Circular 28, pp. 2-4.)
- Twenty-third Annual Report, 1915. (Minnesota Station Annual Report, 1915, pp. 74.)
- Corn in Montana--History, Characteristics, Adaptation. By A. Atkinson and M. L. Wilson. (Montana Station Bulletin 107, pp. 9-128, figs. 35.)
- A Genetic Study of Plant Height in Phaseolus vulgaris. By R. A. Emerson. (Nebraska Station Research Bulletin 7, pp. 3-73, figs. 16.)
- Analysis of Feeding Stuffs. By B. E. Curry and T. O. Smith. (New Hampshire Station Bulletin 178, pp. 2-16.)

- Reports on Scale Insects. By J. H. Comstock. (New York Cornell Station Bulletin 372, pp. 423-603, pls. 26, figs. 14.)
- Metallic Flavor in Dairy Products. By E. S. Guthrie. (New York Cornell Station Bulletin 373, pp. 607-643.)
- Farmers' Market Bulletin, Growers' Edition. (North Carolina Station Farmers' Market Bulletin, Growers' Edition, 3(1916), No. 16, pp. 32, pl. 1, fig. 1.)
- Fifth Annual Report of the Dickinson Substation, 1912. (North Dakota Station, Annual Report Dickinson Substation, 1912, pp. 17.)
- Sulphur in Relation to Soils and Crops. By J. W. Ames and G. E. Boltz. (Ohio Station Bulletin 292, pp. 219-256.)
- The Grape-Berry Worm, Polychrosis viteana. By W. H. Goodwin. (Ohio Station Bulletin 293, pp. 257-307, figs. 40.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station Monthly Bulletin, 1(1916), No. 5, pp. 129-160, figs. 8.)
- Vegetable Tests on Sandy Soil at the Umatilla Experiment Farm. By R. F. Allen. (Oregon Station Bulletin 136, pp. 3-38, figs. 9.)
- Report of the Hood River Branch Experiment Station for 1913-14. (Oregon Station, Report Hood River Branch Station, 1913-14, pp. 50, figs. 7.)
- Report of the Umatilla Branch Experiment Station, Hermiston. By R. W. Allen. (Oregon Station, Report Umatilla Branch Station, 1913-14, pp. 11, figs. 2.)
- Experiments with Corn. By C. F. Noll. (Pennsylvania Station Bulletin 139, pp. 23, fig. 1.)
- Analyses of Feeding Stuffs. By P. H. Wessels and F. C. Fitts. (Rhode Island Station Inspection Bulletin, 1916, May, pp. 2-12.)
- Twenty-eighth Annual Report, 1915. By B. L. Hartwell. (Bulletin of the Rhode Island State College, 11(1916), No. 4, pp. 23-29.)
- Corn--Varieties, Ear-Row, and Limiting Factor Tests. By W. L. Hutchinson. (South Carolina Station Bulletin 186, pp. 3-14.)
- The Cabbage Harlequin or Calico Bug. By W. A. Thomas. (South Carolina Station Circular 28, pp. 4, fig. 1.)
- Fattening Lambs. By J. H. Jones. (Texas Station Bulletin 186, pp. 3-15, figs. 4.)
- Better Horses for Utah. By W. E. Carroll. (Utah Station Circular 18, pp. 3-10, fig. 1.)

May, 1916.

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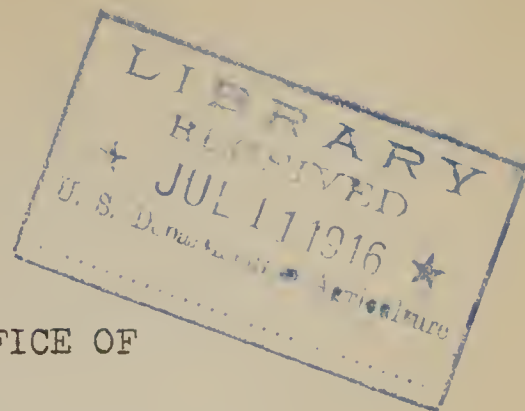
Licensed Stallions in Utah During the Season of 1915. By W. E. Carroll.
(Utah Station Circular 19, pp. 3-20.)

Capsule Method of Breeding Mares. By W. E. Carroll and H. J. Frederick.
(Utah Station Circular 20, pp. 6, fig. 1.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup,
Wash. (Western Washington Station Monthly Bulletin, 4(1916), No. 2,
pp. 15, figs. 13.)

Commercial Fertilizers--Inspection 1915. By E. H. Hite and F. B. Kunst.
(West Virginia Station Inspection Bulletin 4, pp. 3-69, fig. 1.)

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- Twenty-sixth Annual Report, 1915. (Arizona Station Annual Report, 1915, pp. 505-581, pl. 1, figs. 12.)
- Biochemical Changes in Cottonseed in Storage. By J. B. Rather. (Arkansas Station Bulletin 125, pp. 3-18.)
- Feeding and Management of Hogs. By J. I. Thompson. (California Station Circular 151, pp. 16, fig. 1.)
- Winnebago County Soils. By C. G. Hopkins, J. G. Mosier, E. Van Alstine, and F. W. Garrett. (Illinois Station Soil Report 12, pp. 76, pls. 2, figs. 7.)
- Cattle Feeding: XI, Winter Steer Feeding, 1914-15. By J. H. Skinner and F. G. King. (Indiana Station Bulletin 183, pp. 857-891, fig. 1.)
- Sheep Feeding: V, Fattening Western Lambs, 1914-15. By J. H. Skinner and F. G. King. (Indiana Station Bulletin 184, pp. 893-912, fig. 1.)
- Influence of Environment and Breeding in Increasing Dairy Production. By H. H. Kildee and A. C. McCandlish. (Iowa Station Bulletin 165, pp. 383-402, figs. 29.)
- The Locust Borer (*Cyrtene robiniae*) and Other Insect Enemies of the Black Locust. By H. Garman. (Kentucky Station Bulletin 200, pp. 99-135, pls. 22.)
- Studies of Life Histories of Leafhoppers of Maine. By H. Osborn. (Maine Station Bulletin 248, pp. 51-80, pls. 5, figs. 8.)
- Six Years of Experimental Apple Spraying at Highmoor Farm. By W. J. Morse. (Maine Station Bulletin 249, pp. 79-96.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and D. Potter. (Massachusetts Station Meteorological Bulletin 329, pp. 4.)

Soil Temperature. By G. J. Bouyoucos. (Michigan Station Technical Bulletin 26, pp. 3-133.)

Transferring Bees. By F. E. Millen. (Michigan Station Special Bulletin 76, pp. 3-16, figs. 9.)

Work and Progress of the Agricultural Experiment Station for the Year Ended June 30, 1915. By F. B. Mumford. (Missouri Station Bulletin 141, pp. 58, figs. 11.)

Rotations and Tillage Methods in Western Nebraska. By W. P. Snyder and W. M. Osborn. (Nebraska Station Bulletin 155, pp. 3-48.)

Some Results in Size Inheritance. By B. H. A. Groth. (New Jersey Stations Bulletin 278, pp. 3-92, pls. 20.)

Effect of Pruning Peach Trees at Different Heights Previous to Planting in the Orchard. By M. A. Blake. (New Jersey Stations Bulletin 293, pp. 3-30, figs. 14.)

Potato Diseases in New Jersey. By M. T. Cook and H. C. Lint. (New Jersey Stations Circular 53, pp. 3-23, figs. 9.)

Suggested Grades for Peaches. By M. A. Blake and C. H. Connors. (New Jersey Stations Circular 58, pp. 8, figs. 4.)

The Army Worm in New York in 1914 (Leucania unipuncta). By H. H. Knight. (New York Cornell Station Bulletin 376, pp. 751-765, pls. 8.)

Tree Crickets as Carriers of Leptosphaeria coniothyrium and Other Fungi. By W. C. Gloyer and B. B. Fulton. (New York State Station Technical Bulletin 50, pp. 3-22, pls. 4.)

Are Spore-forming Bacteria of Any Significance in Soil under Normal Conditions? By H. J. Conn. (New York State Station Technical Bulletin 51, pp. 3-9)

A Possible Function of Actinomycetes in Soil. By H. J. Conn. (New York State Station Technical Bulletin 52, pp. 3-11.)

I, The Number of Colonies Allowable on Satisfactory Agar Plates. By R. S. Breed and W. D. Dotterer. II, A Comparison between Agar and Gelatin as Media for the Plate Method of Counting Bacteria. By H. J. Conn and W. D. Dotterer. (New York State Station Technical Bulletin 53, pp. 3-15.)

Twenty-eighth Annual Report, 1915. (North Carolina Station Annual Report, 1915, pp. 5-43+111, figs. 23.)

Special Bulletin Food Department. (North Dakota Station Special Food Bulletin, 4 (1916), No. 4, pp. 81-96.)

Trials with Alfalfa as a Hog Feed. Some Pasture Crops for Hogs. By W. H. Peters and D. J. Geiken. (North Dakota Station Circular 13, pp. 8.)

Wool Studies: Washing before Shearing--Time of Shearing. By J. W. Hammond. (Ohio Station Bulletin 294, pp. 307-322, figs. 3.)

The Mineral Metabolism of the Milch Cow. First Paper. By E. B. Forbes, F. M. Beegle, et al. (Ohio Station Bulletin 295, pp. 323-348.)

The Clover Leaf Tyer (Ancylis angulifasciana). By H. A. Gossard. (Ohio Station Bulletin 297, pp. 429-443, pls. 2, figs. 2.)

Wheat Experiments. By C. G. Williams. (Ohio Station Bulletin 298, pp. 447-484, figs. 13.)

Variety vs. Simple Rations for Laying Hens. By W. J. Buss. (Ohio Station Monthly Bulletin, 1(1916), No. 6, pp. 161-192, figs. 6.)

Cotton Anthracnose. By F. M. Rolfs. (Oklahoma Station Circular 40, pp. 3-7.)

Report of the Hood River Branch Experiment Station for 1914-15. (Oregon Station, Report Hood River Branch Station, 1914-15, pp. 61, pl. 1, figs. 14.)

The Diseases of the Potato. By C. R. Orton. (Pennsylvania Station Bulletin 140, pp. 37, figs. 23.)

Annual Report, 1914. (Pennsylvania Station Annual Report, 1914, pp. 522, pls. 73.)

Making Butter and Cheese on the Farm. By C. Larsen and V. R. Jones. (South Dakota Station Bulletin 164, pp. 347-374, figs. 18.)

Factors Influencing the Lime and Magnesia Requirements of Soils; A Method for the Determination of the Immediate Lime Requirements. By W. H. MacIntire. (Tennessee Station Bulletin 115, pp. 3-48, figs. 2.)

Bud Weevils and Other Bud-eating Insects of Washington. By M. A. Yothers. (Washington Station Bulletin 124, pp. 3-43, pls. 6, figs. 3.)

The Dipterous Family Scatopsidae. By A. L. Melander. (Washington Station Bulletin 130, pp. 3-21, figs. 2.)

Evaporation of Apples. By J. S. Caldwell. (Washington Station Bulletin 131, pp. 4-110, figs. 24.)

Some Possibilities for the Utilization of Low Grade and Surplus Fruit. By J. S. Caldwell. (Washington Station Popular Bulletin 102, pp. 4.)

Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 4 (1916), No. 3, pp. 16, figs. 3.)

Commercial Fertilizers; What They Contain and Their Uses. By W. H. Strowd. (Wisconsin Station Bulletin 265, pp. 11, fig. 1.)

Barns for Wisconsin Dairy Farms. By F. M. White and C. I. Griffith. (Wisconsin Station Bulletin 266, pp. 32, figs. 25.)

Facts for the Feed Buyer. By W. H. Strowd. (Wisconsin Station Bulletin 267, pp. 56.)

Work Done by the Experiment Station in 1915; Director's Annual Report. By H. L. Russell. (Wisconsin Station Bulletin 268, pp. 82, figs. 47.)

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UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING JULY, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Citrus Canker. By F. A. Wolf. (Alabama College Station Bulletin 190, pp. 91-100, pls. 2, figs. 6.)

Some Observations on the Bulk Handling of Grain for California. By B. H. Crocheron and C. J. Williams. (California Station Circular 152, pp. 24.)

A Study of Colorado Wheat, II. By W. P. Headden. (Colorado Station Bulletin 217, pp. 3-46.)

A Bacterial Stem Blight of Field and Garden Peas. By W. G. Sackett. (Colorado Station Bulletin 218, pp. 3-43, pls. 3, figs. 3.)

Tests of Soy Beans, 1915. By E. H. Jenkins et al. (Connecticut State Station Bulletin 191, pp. 14, fig. 1.)

Commercial Feeding Stuffs, 1915. By J. P. Street et al. (Connecticut State Station Annual Report, 1915, pt. IV, pp. 233-264.)

Twentieth Report on Food Products and Eighth Report on Drug Products, 1915. By J. P. Street et al. (Connecticut State Station Annual Report, 1915, pt. V, pp. 265-419.)

Control of the Velvet Bean Caterpillar. By J. R. Watson. (Florida Station Bulletin 130, pp. 45-58, figs. 9.)

Pig Feeding. By J. M. Scott. (Florida Station Bulletin 131, pp. 59-69, fig. 1.)

Annual Report, 1915. (Florida Station Annual Report, 1915, pp. CXXI + XI, figs. 14.)

Studies of Bacillus radicum: I, Testing Commercial Cultures; II, Soil as a Medium. By J. C. Temple. (Georgia Station Bulletin 120, pp. 67-80, figs. 6.)

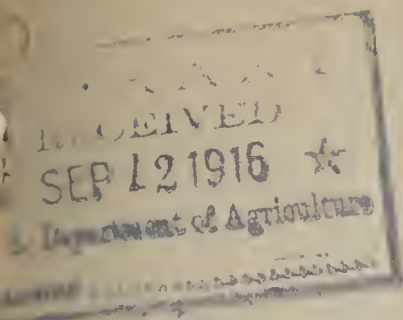
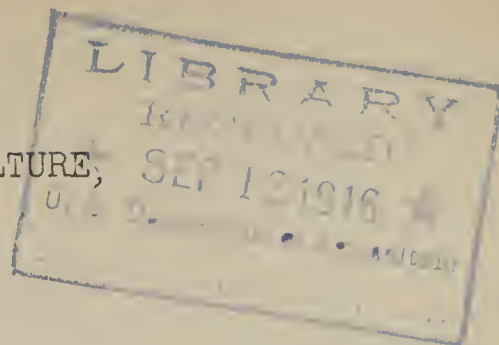
- Transmission of Resistance and Susceptibility to Blossom-end Rot in Tomatoes.
By H. P. Stuckey. (Georgia Station Bulletin 121, pp. 83-91, figs. 3.)
- The Changes in Composition of Butter Fat Produced by Feeding Cottonseed Oil.
By F. H. Smith et al. (Georgia Station Bulletin 122, pp. 95-111.)
- Irish Potato Spraying. By H. P. Stuckey and B. B. Higgins. (Georgia Station Bulletin 123, pp. 115-124, figs. 4.)
- Station Publications. (Georgia Station Circular 69, rev. ed., pp. 8.)
- Report on Corn and Cotton Varieties at the Georgia Experiment Station for 1915.
By C. K. McClelland. (Georgia Station Circular 74, pp. 2-8.)
- Report of the Guam Agricultural Experiment Station, 1915. (Guam Station Report, 1915, pp. 43, pls. 7, figs. 4.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Report of the Hawaii Agricultural Experiment Station, 1915. (Hawaii Federal Station Report, 1915, pp. 73, pls. 9.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Methods of Fertilizing Sweet Potatoes. By C. E. Durst. (Illinois Station Bulletin 188, pp. 268-273, fig. 1.)
- Parasitic Rhizoctonias in America. By G. L. Peltier. (Illinois Station Bulletin 189, pp. 281-390, figs. 23.)
- Parasitic Rhizoctonias in America. By G. L. Peltier. (Illinois Station Bulletin 189, abstract, pp. 4.)
- Soil Bacteria and Phosphates. By C. G. Hopkins and A. L. Whiting. (Illinois Station Bulletin 190, pp. 393-406.)
- Commercial Fertilizers. By W. R. Jones, Jr. et al. (Indiana Station Bulletin 186, pp. 943-1052, fig. 1.)
- Studies on the Market Milk of Iowa. By B. W. Hammer and A. J. Hauser. (Iowa Station Bulletin 164, pp. 310-380.)
- Community Hog Houses. By J. B. Davidson et al. (Iowa Station Bulletin 166, pp. 406-458, figs. 42.)
- The Determination of Sulphur as Barium Sulphate. By P. L. Blumenthal and S. C. Guernsey. (Iowa Station Research Bulletin 26, pp. 390-436.)
- Studies on the Formation of Gas in Milk. By B. W. Hammer. (Iowa Station Research Bulletin 27, pp. 3-16, figs. 3.)
- Annual Report, 1915. (Iowa Station Annual Report, 1915, pp. 22.)

- Hogging Down Soy Beans and Cowpeas. By E. S. Good and M. J. Smith. (Kentucky Station Bulletin 201, pp. 139-149, figs. 3.)
- The Egg-Laying Contest. By J. J. Hooper and R. H. Wilkins. (Kentucky Station Circular 12, pp. 26-38, figs. 6.)
- Studies on Oat Breeding: IV, Pure Line Varieties. By F. M. Surface and J. Zinn. (Maine Station Bulletin 250, pp. 97-148, pls. 2, figs. 5.)
- Control of Apple Maggott by Poisoned Bait Spray. By H. H. P. Severin. (Maine Station Bulletin 251, pp. 149-158, fig. 1.)
- Extracts and Spirits. (Maine Station Official Inspections 77, pp. 21-40.)
- Tests of the Availability of Different Grades of Ground Limestone. By L. B. Broughton et al. (Maryland Station Bulletin 193, pp. 31-45.)
- Sudan Grass. By N. Schmitz. (Maryland Station Bulletin 194, pp. 47-62, figs. 7.)
- Onions. By T. H. White. (Maryland Station Bulletin 195, pp. 63-78, figs. 3.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and D. Potter. (Massachusetts Station Meteorological Bulletin 330, pp. 4.)
- The Leaf-Spot Disease of Tomato. By E. Levin. (Michigan Station Technical Bulletin 25, pp. 3-51, pls. 9, figs. 2.)
- Investigation in Animal Nutrition Beef-Production: I, Feed Requirements; II, Feed-Cost of Production. By T. L. Haecker. (Minnesota Station Bulletin 155, pp. 3-31.)
- Cooperative Livestock Shipping Associations in Minnesota. By E. D. Durand. (Minnesota Station Bulletin 156, pp. 3-29, figs. 3.)
- Labor Requirements of Crop Production. By T. P. Cooper et al. (Minnesota Station Bulletin 157, pp. 3-55, figs. 2.)
- Potato Diseases and Their Control. By E. C. Stakman and A. G. Tolaas. (Minnesota Station Bulletin 158, pp. 3-47, figs. 28.)
- Second Annual Seed Laboratory Report, 1914-15. By W. L. Oswald. (Minnesota Station Bulletin 159, pp. 3-16, figs. 4.)
- The Economy of Mule Production in the South and Methods of Management. By H. K. Gayle and E. R. Lloyd. (Mississippi Station Bulletin 176, pp. 3-15, figs. 4.)
- Size of Farm Business. By O. R. Johnson, W. E. Foard, et al. (Missouri College Station Bulletin 140, pp. 40, figs. 13.)

- Studies of the Timothy Plant: I, The Influence of Maturity upon the Yield, Composition, Digestibility, Palatability, and Feeding Value of Timothy Hay. By H. J. Waters. (Missouri College Station Research Bulletin 19, pp. 2-68, figs. 37.)
- The Powdery Mildews of Avena and Triticum. By G. M. Reed. (Missouri College Station Research Bulletin 23, pp. 3-19.)
- Farming Practice in the Sand Hills Section of Nebraska. By J. Cowan. (Nebraska Station Bulletin 156, pp. 67, figs. 9.)
- Twenty-ninth Annual Report, 1915. (Nebraska Station Annual Report, 1915, pp. XXXVII, figs. 6.)
- The Value of High-Level Meteorological Data in Forecasting Changes in Temperature--A Contribution to the Meteorology of Mount Rose, Nevada. By S. P. Fergusson. (Nevada Station Technical Bulletin 83, pp. 30, figs. 10.)
- Grasshopper Control. By D. E. Merrill. (New Mexico Station Bulletin 102, pp. 32, figs. 19.)
- Reforestation Methods and Results of Forest Planting in New York State. By B. H. Paul. (New York Cornell Station Bulletin 374, pp. 645-692, figs. 25.)
- Possibilities of Private Forest Management in New York State. By C. H. Guise. (New York Cornell Station Bulletin 375, pp. 695-746.)
- Plant Lice Injurious to Apple Orchards: I, Studies on Control of Newly-Hatched Aphids. By P. J. Parrott et al. (New York State Station Bulletin 415, pp. 11-53, pls. 8, figs. 6.)
- Apple Aphids and Their Control. By F. H. Hall. (New York State Station Bulletin 415, popular edition, pp. 3-11, figs. 2.)
- Seed Tests Made at the Station During 1915: I, Inspection of Agricultural Seeds; II, Voluntary Examinations for Correspondents. By M. T. Munn. (New York State Station Bulletin 416, pp. 55-74.)
- Seed Tests Made at the Station During 1915. By M. T. Munn. (New York State Station Bulletin 416, summary, pp. 2.)
- Some Notes on the Breeding of Raspberries. By R. D. Anthony. (New York State Station Bulletin 417, pp. 75-86, pls. 3.)
- Breeding Raspberries. By F. H. Hall. (New York State Station Bulletin 417, popular edition, pp. 4, fig. 1.)
- Culture and Forcing of Witloof Chicory. By J. W. Wellington. (New York State Station Bulletin 418, pp. 89-93, pls. 3.)
- Witloof Chicory. By F. H. Hall. (New York State Station Bulletin 418, popular edition, pp. 3-4, pls. 2.)

- The Cabbage Maggot: Its Biology and Control. By W. J. Schoene. (New York Stat Station Bulletin 419, pp. 99-150, pls. 8, figs. 3.)
- Cow Records Pay. (North Carolina Station Circular 33, pp. 2, figs. 6.)
- Special Bulletin Food Department. (North Dakota Station Special Food Bulletin, 4 (1916), No. 5, pp. 97-132, figs. 7.)
- Ohio Weather for 1915. By J. W. Smith and C. A. Patton. (Ohio Station Bulletin 296, pp. 349-428, figs. 61.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station Monthly Bulletin, 1 (1915), No. 7, pp. 193-224, figs. 11.)
- Cultural Methods in Bearing Orchards. By J. P. Stewart. (Pennsylvania Station Bulletin 141, pp. 28, figs. 5.)
- Starch Congestion Accompanying Certain Factors Which Retard Plant Growth. By B. L. Hartwell. (Rhode Island Station Bulletin 165, pp. 23.)
- Angular Leaf Spot of Cotton. By F. M. Rolfs. (South Carolina Station Bulletin 184, pp. 3-30, pls. 8.)
- Cooperative Fertilizer Experiments with Corn, 1908-1914. By G. S. Fraps. (Texas Station Bulletin 184, pp. 3-64.)
- The Production Coefficients of Feeds. By G. S. Fraps. (Texas Station Bulletin 185, pp. 3-16.)
- Second Report on Insecticides for the Control of the Colorado Potato Beetle (*Leptinotarsa decemlineata*). By L. B. Smith. (Virginia Truck Station Bulletin 17, pp. 369-376.)
- Ground Squirrel Control. By W. T. Shaw. (Washington Station Popular Bulletin 99, pp. 11, pls. 2, figs. 4.)
- The Control of Fruit Pests and Diseases. By A. L. Melander and F. D. Heald. (Washington Station Popular Bulletin 100, pp. 2-61.)
- Controlling the Coulee Cricket. By A. L. Melander. (Washington Station Popular Bulletin 101, pp. 3.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 4 (1916), No. 4, pp. 20, figs. 10.)
- White Burley Tobacco. By I. S. Cook and C. H. Scherffius. (West Virginia Station Bulletin 152, pp. 3-20, figs. 6.)
- A Second Report on the University Farm Garden. By A. L. Dacy. (West Virginia Station Bulletin 156, pp. 22, figs. 5.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING AUGUST, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

- How to Live Comfortably this Winter. By G. W. Carver. (Pp. 3-8.)
- Announcement of the California State Dairy Cow Competition, 1916-1918. By F. W. Woll. (California Station Circular 153, pp. 8.)
- A Serious Disease of Cultivated Perennials Caused by Sclerotium rolfsii. By G. L. Peltier. (Illinois Station Circular 187, pp. 4, fig. 1.)
- The Construction of the Dairy House. By H. A. Ruehe. (Illinois Station Circular 188, pp. 8, figs. 4.)
- The False Cabbage Aphis (Aphis pseudobrassicae). By J. J. Davis and A. F. Satterthwait. (Indiana Station Bulletin 185, pp. 915-940, figs. 7.)
- The False Cabbage Aphis (Aphis pseudobrassicae). By J. J. Davis and A. F. Satterthwait. (Indiana Station Bulletin 185, popular ed., pp. 2-4.)
- Acid Phosphate y. Raw Rock Phosphate as Fertilizer. By A. T. Wiancko, S. D. Conner, et al. (Indiana Station Bulletin 187, pp. 1055-1083, fig. 1.)
- Stallion Enrollment: V, The Stallion Enrollment Law and the Farmer. By H. E. McCartney. (Indiana Station Circular 52, pp. 16, fig. 1.)
- The Creamery and Testers' License Law: Report of the Work for the Year Ending March 31, 1916. By O. F. Hunziker and G. L. Ogle. (Indiana Station Circular 55, pp. 36, figs. 4.)
- Studies on the Clarification of Milk. By B. W. Hammer. (Iowa Station Research Bulletin 28, pp. 19-32.)
- Studies on the Numbers of Bacteria in Milk Showing Various Changes. By B. W. Hammer. (Iowa Station Research Bulletin 29, pp. 35-62.)

- Studies on the Creaming Ability of Milk. By B. W. Hammer. (Iowa Station Research Bulletin 31, pp. 67-91, figs. 5.)
- Sudan Grass in Kansas. By G. E. Thompson. (Kansas Station Bulletin 212, pp. 3-29, figs. 8.)
- The Time to Seed Wheat in Kansas. By L. E. Call, S. C. Salmon, and C. C. Cunningham. (Kansas Station Bulletin 213, pp. 3-16, fig. 1.)
- A Preliminary Study of the Marketing of Burley Tobacco in Central Kentucky. By C. D. Bohannon and D. P. Campbell. (Kentucky Station Bulletin 202, pp. 155-244, pls. 8, figs. 10.)
- Spraying Experiments and Apple Diseases in 1915. By W. J. Morse. (Maine Station Bulletin 252, pp. 167-192, pls. 2.)
- Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and J. S. Sims. (Massachusetts Station Meteorological Bulletin 331, pp. 4.)
- Christmas Tree Plantations. By A. K. Chittenden. (Michigan Station Special Bulletin 78, pp. 8, figs. 3.)
- Michigan's Shifting Sands: Their Control and Better Utilization. By F. H. Sanford. (Michigan Station Special Bulletin 79, pp. 31, figs. 23.)
- Infectious Abortion in Cattle. By W. Giltner and E. T. Hallman. (Michigan Station Circular 29, pp. 13.)
- The Soils of Mississippi. By W. N. Logan. (Mississippi Station Technical Bulletin 7, pp. 84, pl. 1, figs. 16.)
- Influence of Plane of Nutrition of the Cow Upon the Composition and Properties of Milk and Butter Fat: Influence of Overfeeding. By C. H. Eckles, L. S. Palmer, et al. (Missouri College Station Research Bulletin 24, pp. 39, figs. 4.)
- Sour Milk for Chicken Feeding. By H. L. Kempster. (Missouri College Station Circular 79, pp. 4, fig. 1.)
- The Missouri Poultry House. By H. L. Kempster. (Missouri College Station Circular 80, pp. 8, figs. 6.)
- Pruning Shade Trees. By H. F. Major. (Missouri College Station Circular 81, pp. 6, figs. 3.)
- Second Annual Report of the State Grain Laboratory of Montana. By A. Atkinson and B. W. Whitlock. (Montana Station Bulletin 108, pp. 131-148, figs. 7.)

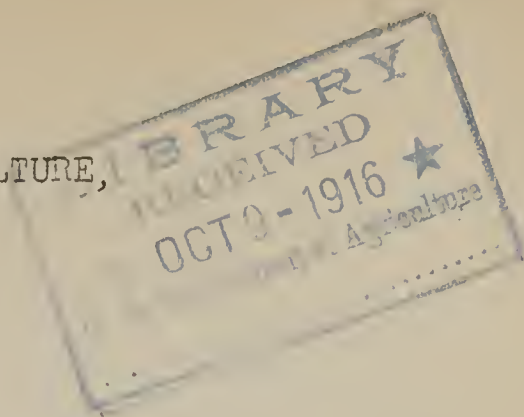
- Thirteenth Annual Report of the State Entomologist of Montana. By R. A. Cooley.
(Montana Station Bulletin 109, pp. 149-161, fig. 1.)
- Poisonous Plants and Stock Poisoning on the Ranges of Montana. By D. B. Swingle
and H. Welch. (Montana Station Circular 51, pp. 73-95, figs. 11.)
- The Army Cutworm in Montana. By R. A. Cooley and J. R. Parker. (Montana
Station Circular 52, pp. 97-108, figs. 4.)
- Corn in Montana. By A. Atkinson and M. L. Wilson. (Montana Station
Circular 53, pp. 109-163, figs. 26.)
- Selecting and Curing Seed Corn. By A. Atkinson and M. L. Wilson. (Montana
Station Circular 54, pp. 165-184, figs. 23.)
- Blasting Ditches. By H. E. Murdock. (Montana Station Circular 55, pp.
185-192, figs. 5.)
- Artificial Brooding and Chick Feeding. By W. F. Schoppe. (Montana Station
Circular 56, pp. 193-207, figs. 8.)
- Tuberculosis in Poultry. By H. Welch. (Montana Station Circular 57,
pp. 209-219, figs. 7.)
- Sclerostomes in Horses. By W. J. Hartman. (Montana Station Circular 58,
pp. 221-236, figs. 8.)
- Annual Report, 1915. (Nevada Station Annual Report, 1915, pp. 56, figs. 5.)
- The Cabbage Maggot and Its Work. By F. H. Hall. (New York State Station
Bulletin 419, popular ed., pp. 3-8, pls. 2.)
- Inspection of Feeding Stuffs. (New York State Station Bulletin 420, pp. 161-309.)
- Lime-Sulphur v. Bordeaux Mixture as a Spray for Potatoes, IV. By M. T. Munn.
(New York State Station Bulletin 421, pp. 311-317, pl. 1.)
- Lime-Sulphur v. Bordeaux Mixture as a Spray for Potatoes, IV. By M. T. Munn.
(New York State Station Bulletin 421, summary, pp. 2.)
- The Influence of Energy Material Upon the Relation of Soil Micro-organisms to
Soluble Plant Food. By C. J. T. Doryland. (North Dakota Station Bulletin
116, pp. 319-401.)
- Special Bulletin Food Department. (North Dakota Station Special Food Bulletin,
4 (1916), No. 6, pp. 132-163.)
- The Iodin Content of Foods. By E. B. Forbes, F. M. Beegle, et al. (Ohio
Station Bulletin 299, pp. 485-546.)

August, 1916.

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- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station
Monthly Bulletin, 1 (1916), No. 8, pp. 225-256, figs. 6.)
- A Study of Variation in Apples During the Growing Season. By W. E. Whitehouse.
(Oregon Station Bulletin 134, pp. 3-13.)
- The Drainage of "White Land" and Other Wet Lands in Oregon. By W. L. Powers
and T. A. H. Teeter. (Oregon Station Bulletin 137, pp. 80, figs. 43.)
- Corn Silage for Lambs. By J. W. Wilson. (South Dakota Station Bulletin 165,
pp. 377-390, figs. 7.)
- Important Factors Affecting Machine Milking. By C. Larsen. (South Dakota
Station Bulletin 166, pp. 393-421, figs. 9.)
- Transplanting Alfalfa. By N. E. Hansen. (South Dakota Station Bulletin 167,
pp. 422-445, figs. 9.)
- Breakfast Foods and Their Relative Value. By G. E. Youngburg. (South Dakota
Station Bulletin 168, pp. 446-461.)
- Index: Bulletins Nos. 1-163. By E. J. Hubbart. (South Dakota Station Index,
May, 1916, pp. 32.)
- Water Table Variations: Causes and Effects. By A. R. Ballantyne. (Utah
Station Bulletin 144, pp. 3-23, figs. 15.)
- Some Effects of Temperature upon the Growth and Activity of Bacteria in Milk.
By H. S. Reed and R. R. Reynolds. (Virginia Station Technical Bulletin 10,
pp. 3-26.)
- Isolation and Cultivation of Bacterium Tuberculosis on a Synthetic Culture Medium.
By C. A. Magoon. (Washington Station Bulletin 132, pp. 3-9.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash.
(Western Washington Station Monthly Bulletin, 4 (1916), No. 5, pp. 16, figs. 4.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING SEPTEMBER, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Irrigation Practice in Growing Small Fruits in California. By W. A. Hutchins.
(California Station Circular 154, pp. 35, figs. 17.)

Bovine Tuberculosis. By C. M. Haring. (California Station Circular 155,
pp. 19.)

Report of the Station Botanist, 1915. By G. P. Clinton. (Connecticut State
Station Report, 1915, pt. VI, pp. 419-539 + XVI, pls. 12, fig. 1.)

Financial Statement of the Experiment Station Peach Orchard. By C. A. McCue.
(Delaware Station Bulletin 113, pp. 3-21.)

Kankakee County Soils. By C. G. Hopkins et al. (Illinois Station Soil
Report 13, pp. 72, pls. 2, figs. 10.)

Cooling Cream on the Farm. By O. F. Hunziker et al. (Indiana Station
Bulletin 188, pp. 1087-1119, figs. 16.)

Cream Testing Balances. By O. F. Hunziker et al. (Indiana Station
Bulletin 189, pp. 20, figs. 17.)

The Direct Determination of Sucrose in the Presence of Reducing Sugars. By
M. A. Schneller. (Louisiana Stations Bulletin 156, pp. 12.)

Report of Cranberry Substation for 1915. By H. J. Franklin. (Massachusetts
Station Bulletin 168, pp. 48.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station.
By J. E. Ostrander and J. S. Sims. (Massachusetts Station Meteorological
Bulletin 332, pp. 4.)

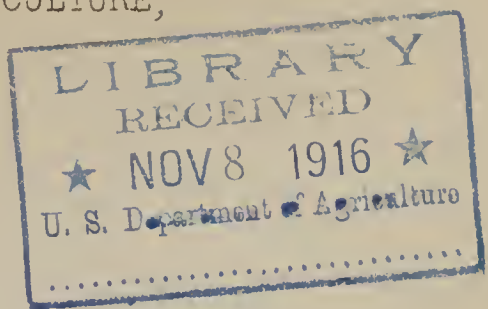
- I, Feeding Cottonseed Meal and Hulls to Dairy Cows; II, Feeding Value of Cottonseed Meal y. Cold Pressed Cottonseed Cake; III, Feeding Value of Purchased Feeds y. Pasture y. Soiling Crops. By J. S. Moore. (Mississippi Station Bulletin 174, pp. 16.)
- Transpiration as a Factor in Crop Production. By T. A. Kiesselbach. (Nebraska Station Research Bulletin 6, pp. 214, figs. 48.)
- Contagious Epithelioma in Chickens (Chicken Pox--Swelled Head); Its Control by Vaccination. By W. B. Mack and E. Records. (Nevada Station Bulletin 84, pp. 3-32, figs. 19.)
- The New Jersey Seed Law. By J. P. Helyar. (New Jersey Stations Circular 59, pp. 3-12.)
- Weed Control. By J. P. Helyar. (New Jersey Stations Circular 60, pp. 3-12.)
- The Agricultural Value of Greensand Marl. By A. W. Blair. (New Jersey Stations Circular 61, pp. 2-13, fig. 1.)
- Digest and Copy of Law Regulating the Weighing, Testing, and Purchasing of Milk and Cream, (Chapter 31, Laws of 1916). By W. J. Carson. (New Jersey Stations Circular 62, pp. 3-16.)
- Composition of the Maize Plant. By J. W. Ince. (North Dakota Station Bulletin 117, pp. 3-32, figs. 7.)
- Orchard Rejuvenation in Southeastern Ohio. By F. H. Ballou and W. J. Green. (Ohio Station Bulletin 301, pp. 40, figs. 23.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station Monthly Bulletin, 1 (1916), No. 9, pp. 257-288, figs. 16.)
- Enfermedades del Cafe Causadas por Hongos en Puerto Rico. By G. L. Fawcett. (Porto Rico Federal Station Bulletin 17, Spanish Edition, pp. 3-31, pls. 8.)
- Sprays and Spraying. By F. B. Paddock. (Texas Station Bulletin 187, pp. 3-36, figs. 9.)
- Tile Drainage. By A. H. Leidigh and E. C. Gee. (Texas Station Bulletin 188, pp. 3-26, figs. 18.)
- Fruit Tree Root Systems: Spread and Depth as Partly Determined by Excavations on the Southern Experiment Farm, St. George, Utah. By A. B. Ballantyne. (Utah Station Bulletin 143, pp. 15, figs. 5.)

September, 1916.

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- Effects of Binders Upon the Melting and Hardness of Ice Cream. By C. W. Holdaway and R. R. Reynolds: (Virginia Station Bulletin 211, pp. 3-19, figs. 6.)
- A Disease of Coldframe Parsley (Caused by Sclerotinia libertiana). By J. A. McClintock. (Virginia Truck Station Bulletin 18, pp. 379-384, figs. 3.)
- Canning Without Sugar. By J. S. Caldwell. (Washington Station Popular Bulletin 103, pp. 4.)
- Cost of Pumping for Irrigation. By O. L. Waller. (Washington Station Popular Bulletin 104, pp. 2-11.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 4 (1916), No. 6, pp. 20, figs. 2.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF

EXPERIMENT STATIONS DURING OCTOBER, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

The Relation of Fruit Growing to Soil Fertility. By R. C. Thompson.
(Arkansas Station Bulletin 123, pp. 3-8.)

Report of the College of Agriculture and the Agricultural Experiment Station of the University of California from July 1, 1915, to June 30, 1916.
(California Station Annual Report, 1916, pp. 133, figs. 6.)

A Study of Soy Bean Hay. By A. C. Whittier. (Delaware Station Bulletin 112, pp. 3-18.)

Yields of Different Varieties of Corn in Illinois. By W. L. Burlison and O. M. Allyn. (Illinois Station Bulletin 191, pp. 408-424.)

The Chinch-bug Outbreak of 1910 to 1915. By S. A. Forbes. (Illinois Station Circular 189, pp. 2-59, figs. 13.)

Inheritance of Color and Horns in Blue Gray Cattle. By O. Lloyd-Jones and J. M. Evvard. (Iowa Station Research Bulletin 30, pp. 67a-106a, figs. 10.)

Soil Survey of Jewell County, Kansas. (Kansas Station Bulletin 211, pp. 3-36, pl. 1.)

Director's Report, 1915. (Kansas Station Report, 1915, pp. 69, figs. 21.)

The Coloring Matter of Cane Juices. By M. A. Schneller. (Louisiana Station Bulletin 157, pp. 2-16.)

Clams, Oysters, and Scallops. (Maine Station Official Inspections 73, pp. 41-52.)

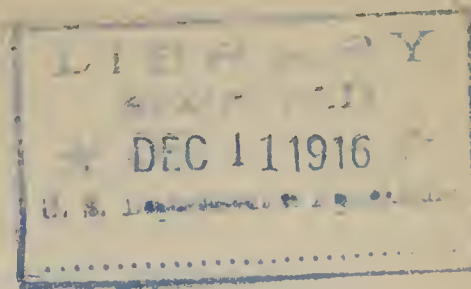
Twenty-eighth Annual Report, 1915, Parts I and II. (Massachusetts Station Annual Report, 1915, Parts I and II, pp. VIII + 72a + 194, pls. 8, figs. 11.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station. By J. E. Ostrander and J. S. Sims. (Massachusetts Station Meteorological Bulletin 333, pp. 4.)

- Rye Smut. By E. C. Stakman and M. N. Levine. (Minnesota Station Bulletin 160, pp. 3-19, figs. 6.)
- Successful Farm Organization. By O. R. Johnson. (Missouri College Station Bulletin 142, pp. 25, figs. 9.)
- Variety Tests of Corn. By C. B. Hutchison, A. R. Evans, J. C. Hackleman, E. M. McDonald, et al. (Missouri College Station Bulletin 143, pp. 56, figs. 15.)
- The Influence of the Tannin Content of the Host Plant on Endothia parasitica and Related Species. By M. T. Cook and G. W. Wilson. (New Jersey Stations Bulletin 291, pp. 3-47.)
- The Response of the House-fly (Musca domestica) to Ammonia and Other Substances. By C. H. Richardson et al. (New Jersey Stations Bulletin 292, pp. 3-19.)
- Commercial Feeding Stuffs and Registrations for 1916. By C. S. Cathcart et al. (New Jersey Stations Bulletin 295, pp. 3-95.)
- The More Important Greenhouse Insects. By H. B. Weiss. (New Jersey Stations Bulletin 296, pp. 3-42, figs. 35.)
- Feeding Range Steers. By L. Foster and H. H. Simpson. (New Mexico Station Bulletin 101, pp. 24, figs. 10.)
- Cost Accounts on Some New York Farms. By C. E. Ladd. (New York Cornell Station Bulletin 377, pp. 771-815, figs. 3.)
- The Lesser Migratory Locust. By G. W. Herrick and C. H. Hadley, Jr. (New York Cornell Station Bulletin 378, pp. 3-45, pls. 6, figs. 17.)
- Black Rot, Leaf Spot, and Canker of Pomaceous Fruits. By L. R. Hesler. (New York Cornell Station Bulletin 379, pp. 51-148, pls. 8, figs. 20.)
- Influence of Certain Carbohydrates on Green Plants. By L. Knudson. (New York Cornell Station Memoir 9, pp. 5-75, figs. 11.)
- Special Bulletin Food Department. (North Dakota Station Special Food Bulletin, 4 (1916), No. 7, pp. 163-173.)
- Poultry Houses. By E. J. Peterson. (North Dakota Station Circular 14, pp. 4, figs. 4.)
- Thirty-fifth Annual Report, 1916. (Ohio Station Bulletin 300, pp. XXIV + 5.)
- Marketing of Woodlot Products. By J. W. Calland. (Ohio Station Bulletin 302, pp. 41-69.)

- Variation of Internal Structure of Apple Varieties. By E. J. Kraus. (Oregon Station Bulletin 135, pp. 3-42, figs. 32.)
- The Pollination of the Pomaceous Fruits.--III, Gross Vascular Anatomy of the Apple. By E. J. Kraus and G. S. Ralston. (Oregon Station Bulletin 138, pp. 12, pls. 3.)
- A Twenty-year Comparison of Different Rotations of Corn, Potatoes, Rye, and Grass. By E. L. Hartwell, S. C. Damon, et al. (Rhode Island Station Bulletin 167, pp. 2-38.)
- Analyses of Commercial Fertilizers. By R. N. Brackett et al. (South Carolina Station Bulletin 137, pp. 68.)
- Soil Alkali Studies.--Quantities of Alkali Salts which Prohibit the Growth of Crops in Certain Utah Soils. By F. S. Harris. (Utah Station Bulletin 145, pp. 3-21, figs. 15.)
- The Irrigation of Wheat. By F. S. Harris. (Utah Station Bulletin 146, pp. 3-32, figs. 22.)
- Studies in Tolerance of New England Forest Trees.--III, Discontinuous Light in Forests. By G. P. Burns. (Vermont Station Bulletin 193, pp. 3-23, pls. 4.)
- The Possibilities of Sugar Beet Culture in Washington. By I. D. Cardiff. (Washington Station Popular Bulletin 105, pp. 3-8.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 4 (1916), No. 7, pp. 16, fig. 1.)
- Silos and Silage. By E. W. Sheets and G. L. Oliver. (West Virginia Station Bulletin 157, pp. 23, figs. 13.)
- Methods in Soil Analysis. By F. E. Bear and R. M. Salter. (West Virginia Station Bulletin 159, pp. 3-24, figs. 2.)
- List of Available Publications. (West Virginia Station Circular 23, pp. 4.)
- Rural Clubs in Wisconsin. By C. J. Galpin and D. W. Sawtelle. (Wisconsin Station Bulletin 271, pp. 53, figs. 22.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
STATES RELATIONS SERVICE,
A. C. TRUE, Director.



LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF
EXPERIMENT STATIONS DURING NOVEMBER, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

- The Effects of Certain Organic Compounds on Plant Growth. By M. J. Funchess.
(Alabama College Station Bulletin 191, pp. 103-132, pls. 8.)
- Practical Fig Culture in Arizona. By W. H. Lawrence. (Arizona Station
Bulletin 77, pp. 43, pl. 1, figs. 15.)
- A Comparison of Annual Cropping, Biennial Cropping, and Green Manures on the
Yield of Wheat. By B. A. Madson et al. (California Station Bulletin
270, pp. 3-14, fig. 1.)
- Commercial Fertilizers. By P. L. Hibbard. (California Station Bulletin
272, pp. 47-99.)
- The Two Groups of Varieties of the Hicora Pecan and Their Relation to Self-
Sterility. By H. P. Stuckey. (Georgia Station Bulletin 124,
pp. 127-148, figs. 10.)
- Commercial Feeding Stuffs. By W. R. Jones, Jr., et al. (Indiana Station
Bulletin 190, pp. 23-360, fig. 1.)
- Community Organization for Promoting the Production of Swine. By C. G. Starr.
(Indiana Station Circular 54, pp. 12, figs. 2.)
- Studies on a Fusarium Disease of Corn and Sorghum (Preliminary). By
L. H. Pammel, C. M. King, and J. L. Seal. (Iowa Station Research
Bulletin 33, pp. 115-136, figs. 14.)
- Care, Feed, and Management of the Dairy Herd. By H. H. Kildee. (Iowa
Station Circular 16, 2. ed., pp. 40, pls. 2, figs. 9.)
- Iowa Educational Market Milk Contest. By B. W. Hammer and A. J. Hauser.
(Iowa Station Circular 30, pp. 4.)
- The San José Scale (*Aspidiotus perniciosus*). By L. M. Peairs and J. H.
Merrill. (Kansas Station Bulletin 214, pp. 28, figs. 11.)

Concentrated Commercial Feeding Stuffs. By J. D. Turner and H. D. Spears.
(Kentucky Station Bulletin 203, pp. 251-333.)

Tests of the Power and Steam Consumption of Sugar Factories. By E. W. Kerr,
W. A. Rolston, and S. J. Webre. (Louisiana Stations Bulletin 158, pp. 45,
pl. 1, figs. 6.)

Experimental Studies of Vacuum Juice Heaters. By E. W. Kerr and S. J. Webre.
(Louisiana Stations Bulletin 159, pp. 46, figs. 20.)

Meteorological Observations at the Massachusetts Agricultural Experiment Station.
By J. E. Ostrander and J. S. Sims. (Massachusetts Station Meteorological
Bulletin 334, pp. 4.)

The Freezing Point Method as a New Means of Determining the Nature of Acidity
and Lime Requirement of Soils. By G. J. Bouyoucos. (Michigan Station
Technical Bulletin 27, pp. 56, figs. 18.)

Red Rock Wheat. By F. A. Spragg and A. J. Clark. (Michigan Station
Circular 31, pp. 3-7, figs. 3.)

Barley Improvement. By F. A. Spragg. (Michigan Station Circular 32,
pp. 3-11, figs. 5.)

Dry Farm Grain Tests in Montana. By A. Atkinson and N. C. Donaldson.
(Montana Station Bulletin 110, pp. 165-213, figs. 7.)

Twenty-second Annual Report, 1915. (Montana Station Annual Report, 1915,
pp. 221-263.)

Farm Management Studies in Eastern Nebraska. By H. C. Filley. (Nebraska
Station Bulletin 157, pp. 32, figs. 5.)

The Nature of the Inflorescence and Fruit of Pyrus malus. By Caroline A. Black.
(New Hampshire Station Technical Bulletin 10, pp. 519-547, pls. 8.)

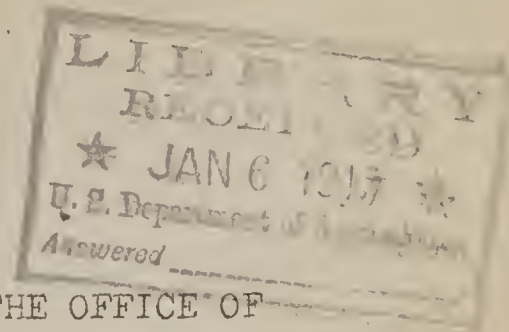
Concerning the Utilization of Inosite in the Animal Organism; I, Concerning the
Effect of Inosite upon the Respiratory Exchange in the Dog; II, The Effect of
Inosite upon the Metabolism of Man. By R. J. Anderson and A. W. Bosworth.
(New York State Station Technical Bulletin 54, pp. 16.)

Concerning Certain Aromatic Constituents of Urine: A Study of the Non-Phenolic
Volatile Oils Isolated from the Urine of Cows, Goats, Horses, and Human Beings.
By R. J. Anderson. (New York State Station Technical Bulletin 55, pp. 25.)

I, Soya Bean Oil; II, Flax Studies. By W. F. Washburn. (North Dakota
Station Bulletin 118, pp. 33-48.)

- Special Bulletin Food Department. (North Dakota Station Special Food Bulletin, 4 (1916), No. 8, pp. 179-194.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station Monthly Bulletin, 1 (1916), No. 10, pp. 289-320, figs. 13.)
- Monthly Bulletin of the Ohio Agricultural Experiment Station. (Ohio Station Monthly Bulletin, 1 (1916), No. 11, pp. 321-352, figs. 12.)
- Pruning Investigations. By V. R. Gardner, J. R. Magness, and A. F. Yeager. (Oregon Station Bulletin 139, pp. 92, figs. 99.)
- Net Energy Values for Ruminants. By H. P. Armsby and J. A. Fries. (Pennsylvania Station Bulletin 142, pp. 3-20.)
- Computation of Dairy Rations. By F. S. Putney and H. P. Armsby. (Pennsylvania Station Bulletin 143, pp. 3-24, fig. 1.)
- Experiments on the Supposed Deterioration of Varieties of Vegetables in Porto Rico, with Suggestions for Seed Preservation. By C. F. Kinman and T. B. McClelland. (Porto Rico Federal Station Bulletin 20, pp. 30, figs. 11.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Annual Report, 1915. (Porto Rico Federal Station Annual Report, 1915, pp. 45, pls. 3.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.
- Analyses of Commercial Fertilizers. By P. H. Wessels et al. (Rhode Island Station Inspection Bulletin, 1916, pp. 3-18.)
- Twenty-eighth Annual Report, 1915. (Texas Station Annual Report, 1915, pp. 43, figs. 2.)
- Twenty-eighth Annual Report, 1915. (Vermont Station Annual Report, 1915, pp. XXIII + 462 + 4, pls. 32, figs. 165.)
- Twenty-ninth Annual Report, 1916. (Vermont Station Annual Report, 1916, pp. XX + 706, pls. 68, figs. 105.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 4 (1916), No. 8, pp. 16, figs. 5.)
- The Residual Effects of Fertilizers. By F. E. Bear and R. M. Salter. (West Virginia Station Bulletin 160, pp. 3-26, figs. 2.)

UNITED STATES DEPARTMENT OF AGRICULTURE,
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF

EXPERIMENT STATIONS DURING DECEMBER, 1916.

NOTE.--The station publications noted in this list are not distributed by the Department of Agriculture, but can usually be obtained, as far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Annual Report of Alaska Agricultural Experiment Stations for 1915. (Alaska Stations Report, 1915, pp. 100, pls. 19.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Feeding Dairy Calves in California. By F. W. Woll and E. C. Voorhies. (California Station Bulletin 271, pp. 17-44, figs. 10.)

The Sweet Potato "Soil Rot" or "Pox," a Slime Mold Disease. By J. A. Elliott. (Delaware Station Bulletin 114, pp. 3-25, figs. 17.)

A Preliminary Report on Muck Humus as a Fertilizer and Carrier of Beneficial Soil Bacteria. By T. F. Manns and J. M. Goheen. (Delaware Station Bulletin 115, pp. 3-40, pls. 13.)

Phosphate Fertilizers for Hawaiian Soils, and Their Availability. By W. T. McGeorge. (Hawaii Federal Station Bulletin 41, pp. 45, pls. 4.) A limited number of copies of this publication is available for free distribution by the Department of Agriculture.

Skim Milk and Milk Substitutes for Calf Feeding. By O. F. Hunziker and R. E. Caldwell. (Indiana Station Bulletin 193, pp. 3-104, figs. 31.)

Meeting of Committee Appointed to Recommend Best Methods of Vaccination, Control, and Eradication of Hog Cholera. (Indiana Station Circular 56, pp. 20.)

Syrphidae of Maine. By C. L. Metcalf. (Maine Station Bulletin 253, pp. 191-264, pls. 9, fig. 1.)

Studies of Life Histories of Froghoppers of Maine. By H. Osborn. (Maine Station Bulletin 254, pp. 263-288, pls. 6, figs. 6.)

Dwarf Eggs of the Domestic Fowl. By R. Pearl and M. R. Curtis. (Maine Station Bulletin 255, pp. 287-328, figs. 7.)

- Methods and Problems in Pear and Apple Breeding. By W. R. Ballard.
(Maryland Station Bulletin 196, pp. 79-92, figs. 3.)
- Clover and Grass Seed Inspected in 1914. By C. P. Smith. (Maryland
Station Bulletin 197, pp. 58.)
- Meteorological Observations at the Massachusetts Agricultural Experiment
Station. By J. E. Ostrander and J. S. Sims. (Massachusetts Station
Meteorological Bulletin 335, pp. 4.)
- Cottonseed Meal.--A Good Feed for Laying Hens. By E. P. Clayton.
(Mississippi Station Bulletin 175, pp. 7, fig. 1.)
- Some Experiments and Practical Demonstrations in Hog Feeding at the Delta
Branch Experiment Station. By G. B. Walker. (Mississippi Station
Bulletin 177, pp. 16, figs. 7.)
- A List of Breeders of Pure Bred Live Stock in Montana. (Montana Station
Special Circular 3, pp. 24.)
- A List of Breeders of Standard Bred Poultry in Montana. (Montana Station
Special Circular 4, pp. 17.)
- Some Points in Fan Weed Control. (Montana Station Circular 12, Sup., pp. 4.)
- Farm Profits and Factors Influencing Farm Profits on 370 Potato Farms in
Monmouth County, New Jersey. By F. App. (New Jersey Stations
Bulletin 294, pp. 3-103, pls. 8, figs. 10.)
- Analyses of Commercial Fertilizers, Fertilizer Supplies, and Home Mixtures.
By C. S. Cathcart et al. (New Jersey Stations Bulletin 297, pp. 3-43.)
- The Utilization of Feed by Range Steers of Different Ages.--II, Alfalfa Hay
and Milo Maize Meal. By F. W. Christensen, H. H. Simpson, and L. Foster.
(New Mexico Station Bulletin 103, pp. 117, pls. 6, figs. 5.)
- The Hard Rot Disease of Gladiolus. By L. M. Massey. (New York Cornell
Station Bulletin 380, pp. 151-181, pls. 2, figs. 7.)
- Self-sterility in Dewberries and Blackberries. By L. R. Detjen. (North
Carolina Station Technical Bulletin 11, pp. 3-37, figs. 9.)
- Soy-bean Products and Their Uses. By C. B. Williams. (North Carolina
Station Circular 34, pp. 7, fig. 1.)
- North Dakota Wheat for 1916. By E. F. Ladd. (North Dakota Station
Bulletin 119, pp. 51-61, pl. 1.)
- Special Bulletin Food Department. (North Dakota Station Special Food
Bulletin, 4 (1916), No. 9, pp. 195-242.)

- Twenty-seventh Annual Report, 1916. (North Dakota Station Annual Report, 1916, pp. 21, figs. 3.)
- The Alkali Content of Irrigation Water. By R. Stewart and C. T. Hirst. (Utah Station Bulletin 147, pp. 3-18, fig. 1.)
- Dry Farming in Utah. By F. S. Harris and A. D. Ellison. (Utah Station Circular 21, pp. 3-35, figs. 15.)
- Monthly Bulletin of the Western Washington Experiment Station, Puyallup, Wash. (Western Washington Station Monthly Bulletin, 4 (1916), No. 9, pp. 16, figs. 4.)
- Managing the Orchard. By J. G. Moore. (Wisconsin Station Bulletin 269, pp. 47, figs. 26.)
- The Marketing of Wisconsin Butter. By B. H. Hibbard and A. Hobson. (Wisconsin Station Bulletin 270, pp. 69, figs. 21.)
- Keep Our Hillsides from Washing. By A. R. Whitson and T. J. Dunnewald. (Wisconsin Station Bulletin 272, pp. 18, figs. 14.)
- Distribution of Public Service Stallions in Wisconsin. By A. S. Alexander. (Wisconsin Station Bulletin 273, pp. 64, figs. 3.)
- Judging Dairy Cows. By G. C. Humphrey. (Wisconsin Station Bulletin 274, pp. 41, figs. 25.)

